

# PRESSURE GAUGES & ACCESSORIES

2019 List Prices

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# Pressure Gauges

## 450 Series Process Gauge

Model	Material		Connection Location	4½"		
	Tube	Socket		Vacuum thru 1000 psi	1500 thru 10,000 psi	15,000 thru 20,000 psi
450B	Bronze	Brass	Lower or Back	\$122.00	-	-
450SS	316SS	316SS	Lower or Back	\$132.00	\$149.00	\$345.00
450M	Monel	Monel	Lower or Back	POA	POA	POA
450LFB	Bronze	Brass	Lower or Back	\$150.00	-	-
450LFSS	316SS	316SS	Lower or Back	\$159.00	\$174.00	\$370.00
450LFM	Monel	Monel	Lower or Back	POA	POA	POA

POA = Price on Application

Liquid filled gauge standard is glycerin. Please consult the Gauge Options Section for alternate fill fluid pricing.

198-0033 Front Flange -- Consult Factory

450-RRT 450 Ring Removal Tool -- \$31.75 net

9/16 Autoclave Connection -- \$7.00 net

## 500X Series Industrial Gauge

Model	Material		Connection Location	4½"		6"		8½"		12"	
	Tube	Socket		Vacuum* thru 3000 psi	5000 thru 20,000 psi	Vacuum* thru 3000 psi	5000 thru 20,000 psi	Vacuum* thru 3000 psi	5000 thru 20,000 psi	Vacuum* thru 3000 psi	5000 thru 20,000 psi
500XB	Bronze	Brass	Lower	\$125.00	-	\$154.00	-	\$535.00	-	\$1,644.00	-
500XB	Bronze	Brass	Back	\$208.00	-	\$246.00	-	\$688.00	-	\$1,830.00	-
500XSS	316L SS	316L SS	Lower	\$428.00	\$635.00	\$493.00	\$701.00	\$817.00	\$1,025.00	\$1,948.00	\$2,156.00
500XSS	316L SS	316L SS	Back	\$488.00	\$699.00	\$555.00	\$764.00	\$991.00	\$1,200.00	\$2,142.00	\$2,348.00

\* Ranges over 1000 psi are not available on 500XB.

## 575SS Field Test Gauge

Model	Material		Connection Location	4½"
	Tube	Socket		
575SS	316L Stainless Steel	316L Stainless Steel	Lower	\$450.00

575SS Test Gauge Includes a Certificate of Calibration



# Pressure Gauges

## 700 Series Industrial Gauge

Model	Material		Connection Location	2 1/2"			4"			6"		
				Vacuum thru 600 psi	1000 thru 5000 psi	10,000 thru 15,000 psi	Vacuum thru 600 psi	1000 thru 5000 psi	10,000 thru 15,000 psi	Vacuum thru 600 psi	1000 thru 5000 psi	10,000 thru 15,000 psi
	Tube	Socket										
700B	Bronze	Brass	Lower	\$60.25	\$65.75	-	\$131.00	-	-	\$269.00	-	-
700B	Bronze	Brass	Back	\$65.75	\$71.00	-	\$184.00	-	-	\$269.00	-	-
700SS	316SS	316SS	Lower	\$76.50	\$82.75	\$87.75	\$139.00	\$149.00	\$175.00	\$291.00	\$309.00	\$520.00
700SS	316SS	316SS	Back	\$86.75	\$91.75	\$96.75	\$205.00	\$218.00	\$237.00	\$291.00	\$309.00	\$520.00
700M	Monel	Monel	Lower	-	-	-	POA	POA	POA	POA	POA	POA
700M	Monel	Monel	Back	-	-	-	POA	POA	POA	POA	POA	POA
700LFB	Bronze	Brass	Lower	\$69.25	\$74.75	-	\$144.00	-	-	\$294.00	-	-
700LFB	Bronze	Brass	Back	\$74.75	\$80.00	-	\$201.00	-	-	\$294.00	-	-
700LFSS	316SS	316SS	Lower	\$85.50	\$91.75	\$96.75	\$151.00	\$161.00	\$188.00	\$315.00	\$334.00	\$545.00
700LFSS	316SS	316SS	Back	\$95.75	\$101.00	\$107.00	\$223.00	\$235.00	\$256.00	\$315.00	\$334.00	\$545.00
700LFM	Monel	Monel	Lower	-	-	-	POA	POA	-	POA	POA	-
700LFM	Monel	Monel	Back	-	-	-	POA	POA	-	POA	POA	-

POA = Price on Application

Liquid filled gauge standard is glycerin. Please consult the Gauge Options Section for alternate fill fluid pricing.

Autoclave Connection Available - Please Consult Factory.

Silicone Free Construction - \$7.00 net

## D80 Series Industrial Gauge (Liquid Filled)

Model	Material		Connection Location	1 1/2"		2"		2 1/2"			4"		
				Vacuum thru 600 psi	1000 thru 5000 psi	Vacuum thru 600 psi	1000 thru 5000 psi	Vacuum thru 600 psi	1000 thru 5000 psi	10,000 thru 15,000 psi	Vacuum thru 600 psi	1000 thru 5000 psi	10,000 thru 15,000 psi
	Tube	Socket											
D82LFB	Bronze	Brass	Lower	\$40.00	\$45.50	\$26.00	\$34.00	\$26.00	\$34.00	-	\$69.50	\$76.50	-
D82LFB	Bronze	Brass	Back	\$41.50	\$46.75	\$26.75	\$35.00	\$26.75	\$35.00	-	\$69.50	\$76.50	-
D83LFSS	316SS	316SS	Lower	\$56.75	\$59.25	\$59.00	\$61.50	\$59.00	\$61.50	\$79.50	\$89.25	\$97.00	\$102.00
D83LFSS	316SS	316SS	Back	\$64.75	\$73.00	\$67.25	\$76.50	\$67.25	\$76.50	\$79.50	\$89.25	\$97.00	\$102.00

Liquid filled gauge standard is glycerin. Please consult the Gauge Options Section for alternate fill fluid pricing.

Optional 1% Accuracy - \$3.50 net

Silicone Free Construction - \$7.00 net

## D80 Series Industrial Gauge (Dry)

Model	Material		Connection Location	1 1/2"		2"		2 1/2"			4"		
				Vacuum thru 600 psi	1000 thru 5000 psi	Vacuum thru 600 psi	1000 thru 5000 psi	Vacuum thru 600 psi	1000 thru 5000 psi	10,000 thru 15,000 psi	Vacuum thru 600 psi	1000 thru 5000 psi	10,000 thru 15,000 psi
	Tube	Socket											
D82B	Bronze	Brass	Lower	\$38.00	\$43.25	\$24.50	\$32.00	\$24.50	\$32.00	-	\$67.75	\$74.50	-
D82B	Bronze	Brass	Back	\$39.50	\$45.00	\$25.00	\$33.00	\$25.00	\$33.00	-	\$67.75	\$74.50	-
D83SS	316SS	316SS	Lower	\$54.75	\$57.00	\$56.75	\$59.50	\$56.75	\$59.50	\$77.75	\$86.75	\$95.50	\$99.75
D83SS	316SS	316SS	Back	\$62.75	\$70.75	\$65.00	\$74.50	\$65.00	\$74.50	\$77.75	\$86.75	\$95.50	\$99.75

Optional 1% Accuracy - \$3.50 net

Silicone Free Construction - \$7.00 net



# Pressure Gauges

## 875 Series Brass Case Pressure Gauge

Model	Material		Connection Location	2½"
	Tube	Socket		
875B (dry)	Copper Alloy	Brass	Lower	\$67.50
875LFB (liquid-filled)	Copper Alloy	Brass	Lower	\$71.75

Liquid filled gauge standard is glycerin. Please consult the Gauge Options Section for alternate fill fluid pricing.

## 600CB Pressure Gauge

Model	Material		Connection Location	3½"	4½"
	Tube	Socket			
600CB	Bronze	Brass	Lower	\$45.75	\$48.50

## 610CB Pressure Gauge

Model	Material		Connection Location	4½"
	Tube	Socket		
610CB	Bronze	Brass	Lower	\$68.00

## 620B Pressure Gauge

Model	Material		Connection Location	3½"
	Tube	Socket		
620B	Bronze	Brass	Lower	\$27.25

## 690 Series Pressure Gauge

Model	Material		Connection Location	3½"
	Tube	Socket		
690B	Bronze	Brass	Lower	\$110.00
691B	Bronze	Brass	Back	\$128.00
692B	Bronze	Brass	Lower	\$138.00
693B	Bronze	Brass	Back	\$139.00
694B	Bronze	Brass	Back	\$150.00
696B	Bronze	Brass	Back	\$152.00

## D87 Tube Stub Gauge

Model	Material		Connection Location	2½"	
	Tube	Socket		Vacuum thru 600 psi	1000 thru 3000 psi
D87LFSS	316SS	316SS	Lower	\$87.00	\$91.00
D87SS	316SS	316SS	Lower	\$83.75	\$88.00

Liquid filled gauge standard is glycerin. Please consult the Gauge Options Section for alternate fill fluid pricing.



# Pressure Gauges

## 800B Utility Gauge

Model	Material		Connection Location	1½"		2"		2½"		4"	
	Tube	Socket		Vacuum thru	1500 thru	Vacuum thru	1500 thru	Vacuum thru	1500 thru	Vacuum thru	1500 thru
				1000 psi	5000 psi	1000 psi	5000 psi	1000 psi	5000 psi	1000 psi	5000 psi
800B	Bronze	Brass	Lower or Back	\$11.25	N/A	\$11.25	N/A	\$13.50	\$15.25	\$24.25	\$29.00

Ranges over 1000 psi are not available in the 1.5" and 2" diameter gauges

## 800LFB Utility Gauge

Model	Material		Connection Location	2"		2½"		3½"	
	Tube	Socket		Vacuum thru	1500 thru	Vacuum thru	1500 thru	Vacuum thru	1500 thru
				1000 psi	5000 psi	1000 psi	5000 psi	1000 psi	5000 psi
800LFB	Bronze	Brass	Lower or Back	\$54.00	\$66.75	\$54.00	\$66.75	\$184.00	\$212.00

Liquid filled gauge standard is glycerin. Please consult the Gauge Options Section for alternate fill fluid pricing.

## Gas/Water Test Gauge

Model	Product Type	Price
120	Gas Test Gauge	\$14.75
122	Water Test Gauge	\$19.25
MAX	Maximum Register Pointer Optional Adder	\$4.25

## 760B Low Pressure Gauge

Model	Material		Connection Location	2½"	4"
	Capsule	Socket			
760B	316LSS	Brass	Lower or Back	\$58.25	\$269.00

## 765B/766SS Low Pressure Gauge

Model	Material		Connection Location	2½"	4"	6"
	Capsule	Socket				
765B	316LSS	Brass	Lower or Back	\$226.00	\$355.00	\$559.00
766SS	316LSS	316SS	Lower or Back	\$483.00	\$615.00	\$894.00



# Pressure Gauges

## 750 Series Process Gauge

Model	Material		Connection Location	2½"			4"		
	Tube	Socket		Vacuum thru 600 psi	1000 thru \$0.00	10,000 psi	Vacuum thru 600 psi	1000 thru 10,000 psi	15,000 thru 20,000 psi
750SS	316SS	316SS	Lower	\$233.00	\$254.00	\$262.00	\$300.00	\$319.00	\$534.00
750M	Monel	Monel	Lower	POA	POA	-	POA	POA	-
750LFSS	316SS	316SS	Lower	\$241.00	\$263.00	\$271.00	\$313.00	\$331.00	\$545.00
750LFM	Monel	Monel	Lower	POA	POA	-	POA	POA	-

POA = Price on Application

Liquid filled gauge standard is glycerin. Please consult the Gauge Options Section for alternate fill fluid pricing.

## 700TA Series Sanitary Pressure Gauge

Model	Material		Connection Location	2½"		4"	
	Tube	Diaphragm		1½" Tri-Clamp	2" Tri-Clamp	1½" Tri-Clamp	2" Tri-Clamp
700TA	316SS	316SS	Lower	\$518.00	\$507.00	\$545.00	\$536.00
700TA	316SS	316SS	Back	\$525.00	\$514.00	\$552.00	\$542.00
700TALF	316SS	316SS	Lower	\$527.00	\$517.00	\$567.00	\$559.00
700TALF	316SS	316SS	Back	\$536.00	\$524.00	\$576.00	\$564.00

Liquid filled gauge standard is mineral oil. Please consult the Gauge Options Section for alternate fill fluid pricing.

## 703Plus Series Transmitter Gauge

Model	Intrinsically Safe	Material		Connection Location	4"
		Tube	Socket		15 thru 600 psi
703SS	No	316SS	316SS	Lower	\$1,216.00
703LFSS*	No	316SS	316SS	Lower	\$1,226.00

\*703Plus gauges can be filled with mineral oil only.



# Gauge Options & Accessories

## 500X Series Optional Case Styles

Code	Case Style	4½"	6"	8½"	12"
FSL	Flangeless Lower	\$20.25	\$27.75	-	-
FSB	Flangeless Back	\$20.25	\$27.75	-	-
HRL	Hinged Ring Lower	\$78.75	\$90.25	-	\$456.00
HRB	Hinged Ring Back	\$78.75	\$90.25	-	\$456.00

## 600CB Optional Case Kits

Item No.	Case Style	3½"	4½"
198-0023	Surface Mount Back Flange	\$12.75	-
198-0016	Surface Mount Back Flange	-	\$11.75

## 700 Series Optional Case Styles

Code	Case Style	2½"	4"	6"
SML	Surface Mount Lower	\$19.25	\$33.00	\$38.00
SMB	Surface Mount Back	\$19.25	\$33.00	\$38.00
FML	Flush Mount, Front Flange Lower	-	\$50.75	\$56.00
FMB	Flush Mount, Front Flange Back	\$48.50	\$50.75	\$56.00
UCB	U-Clamp Back	\$24.00	\$35.75	\$101.00

## 760B Optional Case Styles

Code	Case Style	2½"	4"
FMB	Flush Mount, Front Flange Back	\$16.25	\$64.75



# Gauge Options & Accessories

## 765B/766SS Optional Case Styles

Code	Case Style	2½"	4"	6"
<b>SML</b>	Surface Mount Lower	-	\$33.00	\$38.00
<b>SMB</b>	Surface Mount Back	-	\$33.00	\$38.00
<b>FML</b>	Flush Mount, Front Flange Lower	-	\$50.75	\$56.00
<b>FMB</b>	Flush Mount, Front Flange Back	-	\$50.75	\$56.00
<b>UCB</b>	U-Clamp Back	\$49.75	\$56.00	\$61.50

## D80 Series Optional Case Styles

Case Style	1½"	2"	2½"	4"
Surface Mount Lower	N/A	N/A	\$7.50 <b>SML</b>	\$14.25 <b>SML</b>
Surface Mount Back	N/A	N/A	\$7.50 <b>SMB</b>	\$14.25 <b>SMB</b>
Flush Mount, Front Flange Back	\$7.00 <b>FMB</b>	\$7.50 <b>198-0028</b>	\$7.50 <b>198-0025</b>	\$17.25 <b>FMB</b>
Front Ring Kit	N/A	N/A	\$12.00 <b>198-0024</b>	N/A
U-Clamp Kit	\$7.00 <b>034-0035</b>	\$7.50 <b>034-0036</b>	\$7.50 <b>034-0037</b>	\$17.25 <b>UCB</b>

## 800B Series Optional Case Styles

Code	Case Style	1½"	2"	2½"	4"
<b>FMB</b>	Flush Mount, Front Flange Back	\$12.00	\$12.00	\$12.00	\$14.00
<b>UCB</b>	U-Clamp Back	\$14.75	\$14.75	\$14.75	-

## 800LFB Optional Case Styles

Kit No./Code	Case Style	2½"	3½"
198-0022	Surface Mount Back Flange	\$8.25	-
198-0020	Flush Mount Front Flange	\$8.25	-
198-0021	Flush Mount Front Ring	\$24.75	-
034-0037	Flush Mount U-Clamp	\$7.50	-
<b>UCB</b>	U-Clamp	-	\$37.50





# Gauge Options & Accessories

## Optional and Replacement Windows

Model	Dial Size	Plastic	Laminated Safety Glass	Glass
450 Series	4½"	\$14.75	\$18.25	-
		073-0056	073-0056.1	
500X Series	4½"	\$13.00	\$18.25	\$7.50
		187-0030	073-0056.1	073-0021
	6"	\$14.75	\$23.25	\$8.75
		073-0022.1	073-0022.2	073-0022
500X Series	8½"	\$45.00	-	\$12.00
		073-0019.1		073-0019
	12"	\$54.25	-	\$18.75
		187-0011.2		073-0039
600CB	3½"	\$13.00	-	\$7.50
		073-0040.1		073-0040
600CB	4½"	\$13.00	-	\$7.50
		187-0025		073-0034
610CB	4½"	\$13.00	-	\$7.50
		187-0025		073-0034
620B	4½"	\$13.00	-	-
		187-0025		
690 Series	3½"	\$9.50	-	\$7.50
		187-0020A		073-0049A
700 Series	2½"	\$8.25	\$15.50	-
		187-0064.2	187-0064.1	
	4"	\$12.00	\$25.00	-
		187-0064.4	187-0064.3	
700 Series	6"	-	\$25.00	-
			187-0064.5	
700Plus	4"	\$12.00	\$23.75	-
		073-0058	073-0058.1	
700TA	2½"	No Charge*	-	-
	4"	No Charge*	-	-
750 Series	2½"	\$8.25	\$14.75	-
		073-0050.1	073-0050.4	
750 Series	4"	\$11.25	\$23.75	-
		073-0058	073-0058.1	
765B/766SS	2½"	\$7.75	\$14.75	\$11.00
		073-0058	073-0058.1	073-0050
	4"	\$11.25	\$23.75	\$14.75
		073-0058	073-0058.1	073-0051.3
765B/766SS	6"	\$14.75	\$30.50	\$18.25
		073-0054.2	073-0054.1	073-0054
D80 Series	1½"	-	-	-
	2"	-	-	-
	2½"	-	3.75*	-
	4"	-	12.25*	-

\* Option price only, replacement not available.



# Gauge Options & Accessories

## Optional Features

Model	Dial Size	Red Set Hand	Maximum Registering Pointer	Single Electric Contact	Double Electric Contact	Weather-proofed Case	Pressure Relief Plug
450 Series	4½"	\$23.75	\$80.75	\$741.00*	\$830.00*	S	-
500X Series	4½"	\$23.75	\$80.75	\$645.00	\$716.00	\$94.50	\$15.75
	6"	\$34.00	\$121.00	\$719.00	\$808.00	\$94.50	\$15.75
	8½"	-	\$203.00	-	-	\$94.50	\$15.75
	12"	-	\$272.00	-	-	\$94.50	\$15.75
700 Series	2½"	-	-	-	-	S	S
	4"	-	\$74.50	\$527.00*	602.00*	S	S
	6"	-	\$81.75	\$559.00	\$642.00*	S	S
D80 Series	1½"	-	-	-	-	S	S
	2"	-	-	-	-	S	S
	2½"	-	-	-	-	S	S
	4"	-	-	-	-	S	S
875 Series	2½"	-	-	-	-	S	S
600CB	3½"	\$23.75	-	-	-	\$94.50	\$15.75
	4½"	\$23.75	-	-	-	\$94.50	\$15.75
610CB	4½"	\$23.75	-	-	-	\$94.50	\$15.75
D87 Series	2½"	-	-	-	-	S	S
690 Series	3½"	\$23.75	\$80.75	-	-	\$94.50	\$15.75
700Plus	4"	-	-	-	-	-	S
700TA	2½"	-	-	-	-	S	S
	4"	-	-	-	-	S	S
750 Series	2½"	-	-	-	-	S	S
	4"	-	\$74.50	\$527.00	\$602.00	S	S
800LFB	2"	-	-	-	-	S	S
	2½"	-	-	-	-	S	S
	4"	-	-	-	-	S	S

S = Standard Product Feature

\* Consult factory for inductive contact pricing for liquid filled gauges.



# Gauge Options & Accessories

## Optional Features (Continued)

Model	Dial Size	Silicone Dampened Movement	SS Capillary Tube Bleeder	SS Orifice Screw	Brass Restrictor	Overload Stop	Silicone Liquid Fill
450 Series	4½"	\$18.75	-	\$8.50	-	S	\$33.00
500X Series	4½"	\$18.75	\$521.00	\$8.50	-	\$19.25	-
	6"	\$18.75	\$540.00	\$8.50	-	\$19.25	-
	8½"	\$18.75	\$572.00	\$8.50	-	\$19.25	-
	12"	\$18.75	-	\$8.50	-	\$19.25	-
700 Series	2½"	\$18.75	-	\$8.50	-	\$20.25	\$20.25
	4"	\$18.75	-	\$8.50	-	-	\$29.75
	6"	\$18.75	-	\$8.50	-	-	\$43.25
D80 Series	1½"	-	-	\$8.50	-	-	\$20.25
	2"	-	-	\$8.50	-	-	\$20.25
	2½"	-	-	\$8.50	-	-	\$20.25
	4"	-	-	\$8.50	-	-	\$26.25
875 Series	2½"	-	-	-	-	-	\$20.25
600CB	3½"	\$18.75	-	-	\$4.25	-	-
	4½"	\$18.75	-	-	\$4.25	-	-
610CB	4½"	\$18.75	-	-	\$4.25	-	-
690 Series	3½"	\$18.75	-	-	\$4.25	-	-
D87 Series	2½"	-	-	-	-	-	\$20.25
700Plus	4"	-	-	\$8.50	-	-	\$29.75
700TA	2½"	-	-	-	-	-	\$29.75
	4"	-	-	-	-	-	\$29.75
750 Series	2½"	-	-	\$8.50	-	-	\$20.25
	4"	-	-	\$8.50	-	-	\$29.75
800B	1½"	-	-	-	\$4.25	-	-
	2"	-	-	-	\$4.25	-	-
	2½"	-	-	-	\$4.25	-	-
	4"	-	-	-	\$4.25	-	-
800LFB	2"	-	-	-	\$4.25	-	\$20.25
	2½"	-	-	-	\$4.25	-	\$20.25
	3½"	-	-	-	S	-	\$29.75

S = Standard Product Feature

Halocarbon Liquid Fill is Price on Application.

097-0003 Pint Bottle of Glycerin - \$9.00 net

097-0011 Gallon Jug of Glycerin - \$61.50 net

Silicone Free Construction (700 Series & D80 Series) - \$7.00 net



# Gauge Options & Accessories

## 870 Series Impulse Dampeners

Item No.	Size	Material	Price
870-1, 870-2, 870-3	¼ NPT	Brass	\$82.75
870-1PBF, 870-2PBF, 870-3PBF	¼ NPT	Lead Free Brass (PBF)	\$108.00
870-7	¼ NPT	303SS	\$289.00
870-10	½ NPT	303SS	\$410.00
870-13	¼ NPT	316SS	\$512.00
870-16	½ NPT	316SS	\$614.00

## 872 Series Pressure Snubbers

Item No.	Size	Material	Price
872-1, 872-2, 872-3	¼ NPT	Brass	\$10.25
872-1PBF, 872-2PBF, 872-3PBF	¼ NPT	Lead Free Brass (PBF)	\$13.75
872-4, 872-5, 872-6	¼ NPT	303SS	\$53.00
872-7, 872-8, 872-9	½ NPT	Brass	\$32.75
872-7PBF, 872-8PBF, 872-9PBF	½ NPT	Lead Free Brass (PBF)	\$61.75
872-10, 872-11, 872-12	½ NPT	303SS	\$74.00

## 885 Series Coil Syphons

Item No.	Size	Material	Price
885-1	¼ NPT	Steel	\$10.50
885-1.1	½ NPT	Steel	\$42.50
885-2	¼ NPT	Brass	\$48.50
885-3	¼ NPT	Chrome Plated	\$96.50
885-4	¼ NPT	304SS	\$42.50
885-4.1	½ NPT	304SS	\$92.25
885-6	¼ NPT	316SS	\$76.75
885-6.1	½ NPT	316SS	\$175.00



# Gauge Options & Accessories

## 735/740 Series Needle Valves

Item No.	Type	Size	Material	Price
735-2	FFG	¼ NPT	Brass	\$11.25
735-2PBF	FFG	¼ NPT	Lead Free Brass (PBF)	\$22.25
735-4	FFG	¼ NPT	Steel	\$74.25
735-8	FFG	¼ NPT	316SS	\$167.00
735-9	MFG	¼ NPT	316SS	\$167.00
740-3	FFG	½ NPT	Steel	\$78.75
740-4	MFG	½ NPT	Steel	\$96.50
740-9	MFG	½ NPT	316SS	\$176.00
740-11	FFG	½ NPT	316SS	\$176.00

## 866 Ball Valve

Item No.	Type	Size	Material	Price
866	FFG	¼ NPT	Brass	\$11.00
866PBF	FFG	¼ NPT	Lead Free Brass (PBF)	\$18.50
866MFG	MFG	¼ NPT	Brass	\$14.00

## 865/880 Series Gauge Cocks

Item No.	Type	Size	Material	Price
865	FFG	¼ NPT	Brass	\$14.00
865PBF	FFG	¼ NPT	Lead Free Brass (PBF)	\$25.75
865MFG	MFG	¼ NPT	Brass	\$14.75
865MFGPBF	MFG	¼ NPT	Lead Free Brass (PBF)	\$27.25
865-1	FFG	¼ NPT	Brass	\$33.25
880	MFG	¼ NPT	Brass	\$50.25

## Pointer Jack

Item No.	Price
D329	\$99.00



# Gauge Options & Accessories

## Test Plugs

Material			Test Plug		Test Plug with Retainer	
Body	Core	Size	Item No.	Price	Item No.	Price
Brass	Nordel	¼ NPT	D3741	\$8.25	D3764	\$13.25
Lead Free Brass (PBF)	Nordel	¼ NPT	D3741PBF	\$10.00	D3764PBF	\$19.50
Brass	Neoprene	¼ NPT	D3743	\$10.50	D3763	\$13.25
Lead Free Brass (PBF)	Neoprene	¼ NPT	D3743PBF	\$14.25	D3763PBF	\$16.75
Brass	Nordel	½ NPT	D3742	\$8.75	D3770	\$14.25
Lead Free Brass (PBF)	Nordel	½ NPT	D3742PBF	\$10.25	D3770PBF	\$18.25
Brass	Neoprene	½ NPT	D3744	\$11.75	D3769	\$14.25
Lead Free Brass (PBF)	Neoprene	½ NPT	D3744PBF	\$14.00	D3769PBF	\$18.25
316SS	Nordel	¼ NPT	D3758	\$63.50	D3766	\$66.00
316SS	Neoprene	¼ NPT	D3757	\$63.50	D3765	\$66.00
316SS	Nordel	½ NPT	D3762	\$114.00	D3772	\$116.00
316SS	Neoprene	½ NPT	D3761	\$114.00	D3771	\$116.00
Material			Long Test Plug		Long Test Plug with Retainer	
Body	Core	Size	Item No.	Price	Item No.	Price
Brass	Nordel	¼ NPT	D3767	\$15.50	D3773	\$18.75
Brass	Neoprene	¼ NPT	D3768	\$16.75	D3774	\$20.00

## Test Plug Accessories

Item No.	Description	Material (Wetted Parts)	Price
D3749	¼ NPT Extension	Brass	\$9.50
D3753	½ NPT Extension	Brass	\$12.75
D3749PBF	¼ NPT Extension	Lead Free Brass (PBF)	\$11.25
D3753PBF	½ NPT Extension	Lead Free Brass (PBF)	\$14.75
D3747	Gauge Adapter	304SS	\$27.50



# Gauge Options & Accessories

## Test Kits

Item No.	Range	Price
D3748	0 to 600 psi	\$351.00
D3750	0 to 100 psi	\$351.00
D3751	0 to 200 psi	\$351.00
D3752	0 to 300 psi	\$351.00

## Replacement Items for Test Kits

### Pressure Gauges

Item No.	Range	Price
700B2502LA110	0 to 100 psi	\$60.25
700B2502LA130	0 to 200 psi	\$60.25
700B2502LA140	0 to 300 psi	\$60.25
700B2502LA160	0 to 600 psi	\$60.25

### Thermometers

Item No.	Range	Price
B82105P03	25 to 125° F/C	\$67.25
B82105P05	20 to 240° F/C	\$67.25

# Diaphragm Seals

## Threaded-NPT Diaphragm Seals - Standard Diaphragm\*

### Diaphragm Material

Type M&W								Type T	Type V
316SS	304SS	Hast B	Monel	Nickel	Carp 20	Hast C-276	Tantalum	Teflon	Viton
S	F	G	M	N	D	H	U	T	V
\$32.25	\$41.50	\$95.00	\$44.00	\$46.75	\$67.25	\$95.00	\$101.00	\$46.75	\$78.25

### Process Housing Material

Model No.	Conn. Size	Steel C	PVC Z	Hast C-276 H	304SS F	316SS S	Teflon T	Hast B G	Monel M	Carp 20 D	Nickel N	Polypro P
M510	All	\$183.00	\$228.00	\$1,221.00	\$362.00	\$267.00	\$429.00	POA	\$433.00	\$735.00	\$753.00	\$228.00
M511	All	\$224.00	\$293.00	\$1,346.00	\$424.00	\$309.00	\$474.00	POA	\$491.00	\$838.00	\$865.00	\$293.00
M515	All	\$281.00	\$364.00	\$1,978.00	\$529.00	\$529.00	\$570.00	POA	\$634.00	\$940.00	\$960.00	\$364.00
M516	All	\$325.00	\$414.00	\$2,111.00	\$591.00	\$591.00	\$618.00	POA	\$698.00	\$1,042.00	\$1,068.00	\$414.00
T510	All	\$235.00	\$325.00	\$1,349.00	\$419.00	\$419.00	\$507.00	POA	\$479.00	\$794.00	\$806.00	\$325.00
T511	All	\$276.00	\$377.00	\$1,480.00	\$480.00	\$480.00	\$559.00	POA	\$543.00	\$899.00	\$917.00	\$377.00
T515	All	\$328.00	\$517.00	\$2,044.00	\$563.00	\$563.00	\$687.00	POA	\$681.00	\$1,007.00	\$1,019.00	\$517.00
T516	All	\$369.00	\$566.00	\$2,176.00	\$626.00	\$626.00	\$738.00	POA	\$745.00	\$1,109.00	\$1,129.00	\$566.00
V510	All	\$251.00	\$352.00	\$1,442.00	\$454.00	\$454.00	\$545.00	POA	\$520.00	\$835.00	\$850.00	\$352.00
V511	All	\$300.00	\$406.00	\$1,582.00	\$521.00	\$521.00	\$598.00	POA	\$584.00	\$940.00	\$958.00	\$406.00
V515	All	\$346.00	\$546.00	\$2,187.00	\$594.00	\$594.00	\$737.00	POA	\$722.00	\$1,048.00	\$1,060.00	\$546.00
V516	All	\$399.00	\$607.00	\$2,327.00	\$670.00	\$670.00	\$792.00	POA	\$786.00	\$1,150.00	\$1,170.00	\$607.00
W515	All	\$205.00	\$259.00	\$1,289.00	\$393.00	\$393.00	\$451.00	POA	\$447.00	\$748.00	\$806.00	\$259.00
W516	All	\$247.00	\$309.00	\$1,426.00	\$456.00	\$456.00	\$497.00	POA	\$512.00	\$853.00	\$917.00	\$309.00

### Instrument Housing Material

Model No.	Connection Size	Steel C	316SS S
All	All	No Extra	\$235.00

\* Add Diaphragm, Process Housing and Instrument Housing for complete list price.

Stainless Steel nuts and bolts with Carbon Steel instrument housing- \$12.75 net adder

5000 psi Housings - \$49.75 net adder

POA = Price on Application





# Diaphragm Seals

## Threaded-NPT Diaphragm Seals - Large Diaphragm\*

### Diaphragm Material

Type M&W							Type T
316SS	Monel	Hast B	Nickel	Carp 20	Hast C-276	Tantalum	Teflon
S	M	G	N	D	H	U	T
\$39.50	\$52.50	\$115.00	\$55.75	\$78.75	\$115.00	\$122.00	\$61.50

### Process Housing Material

Model No.	Conn. Size	Steel C	PVC Z	Hast C-276 H	304SS F	316SS S	Teflon T	Hast B G	Monel M	Carp 20 D	Nickel N	Polypro P
M610	All	\$233.00	\$289.00	\$1,538.00	\$456.00	\$456.00	\$539.00	POA	\$517.00	\$881.00	\$908.00	\$289.00
M611	All	\$279.00	\$340.00	\$1,670.00	\$521.00	\$521.00	\$602.00	POA	\$581.00	\$986.00	\$1,011.00	\$340.00
T610	All	\$277.00	\$389.00	\$1,617.00	\$503.00	\$503.00	\$607.00	POA	\$578.00	\$952.00	\$972.00	\$389.00
T611	All	\$323.00	\$436.00	\$1,749.00	\$566.00	\$566.00	\$669.00	POA	\$640.00	\$1,057.00	\$1,071.00	\$436.00
T615	All	\$394.00	\$623.00	\$2,453.00	\$680.00	\$680.00	\$827.00	POA	\$821.00	\$1,208.00	\$1,226.00	\$623.00
T616	All	\$440.00	\$672.00	\$2,588.00	\$742.00	\$742.00	\$892.00	POA	\$881.00	\$1,311.00	\$1,328.00	\$672.00
W615	All	\$247.00	\$311.00	\$1,547.00	\$472.00	\$472.00	\$539.00	POA	\$538.00	\$902.00	\$972.00	\$311.00
W616	All	\$293.00	\$361.00	\$1,679.00	\$538.00	\$538.00	\$602.00	POA	\$599.00	\$1,001.00	\$1,071.00	\$361.00

### Instrument Housing Material

Model No.	Connection Size	Steel C	316SS S
All	All	No Extra	\$264.00

\* Add Diaphragm, Process Housing and Instrument Housing for complete list price.

Stainless Steel nuts and bolts with Carbon Steel instrument housing- \$12.75 net adder

5000 psi Housings - \$49.75 net adder

POA = Price on Application



# Diaphragm Seals

## Flange-Mounted Diaphragm Seals - Standard Diaphragm\*

Diaphragm Material									Type T	Type V
Type M&W									Teflon	Viton
316SS	304SS	Hast B	Monel	Nickel	Carp 20	Hast C-276	Tantalum		Teflon	Viton
S	F	G	M	N	D	H	U		T	V
\$32.25	\$41.50	\$95.00	\$44.00	\$46.75	\$67.25	\$95.00	\$101.00		\$46.75	\$78.25

### Process Housing Material

Model No.	Conn. Size	Steel C	PVC Z	Hast C-276 H	304SS F	316SS S	Teflon T	Hast B G	Monel M	Teflon Lined L	Carp 20 D	Nickel N	Polypro P
M525	01,02	\$340.00	-	\$1,411.00	\$543.00	\$543.00	-	POA	\$634.00	-	\$929.00	\$986.00	-
	03,04	\$424.00	-	\$1,482.00	\$659.00	\$659.00	-	POA	\$709.00	-	\$986.00	\$1,050.00	-
M526	01,02	\$382.00	-	\$1,542.00	\$609.00	\$609.00	-	POA	\$698.00	-	\$1,034.00	\$1,080.00	-
	03,04	\$467.00	-	\$1,610.00	\$724.00	\$724.00	-	POA	\$774.00	-	\$1,089.00	\$1,150.00	-
M530	21,22	\$281.00	\$259.00	\$970.00	\$478.00	\$478.00	\$432.00	POA	\$482.00	\$523.00	\$596.00	\$683.00	\$259.00
	23,24	\$361.00	\$325.00	\$992.00	\$542.00	\$542.00	\$496.00	POA	\$655.00	\$614.00	\$669.00	\$750.00	\$325.00
	41,42	\$355.00	\$311.00	\$1,191.00	\$538.00	\$538.00	\$538.00	POA	\$622.00	\$637.00	\$663.00	\$698.00	\$311.00
	43,44	\$471.00	\$414.00	\$1,220.00	\$632.00	\$632.00	\$642.00	POA	\$727.00	\$735.00	\$719.00	\$803.00	\$414.00
	51,52	\$373.00	\$343.00	\$1,432.00	\$609.00	\$609.00	\$584.00	POA	\$791.00	\$762.00	\$797.00	\$881.00	\$343.00
	53,54	\$508.00	\$454.00	\$1,598.00	\$724.00	\$724.00	\$704.00	POA	\$911.00	\$832.00	\$914.00	\$1,001.00	\$454.00
	61,62	\$521.00	\$521.00	\$1,911.00	\$750.00	\$750.00	\$713.00	POA	\$1,016.00	\$908.00	\$1,042.00	\$1,142.00	\$521.00
	63,64	\$762.00	\$725.00	\$2,187.00	\$954.00	\$954.00	\$915.00	POA	\$1,226.00	\$1,118.00	\$1,247.00	\$1,346.00	\$725.00
M531	21,22	\$325.00	\$309.00	\$1,102.00	\$542.00	\$542.00	\$480.00	POA	\$546.00	-	\$701.00	\$794.00	\$309.00
	23,24	\$404.00	\$373.00	\$1,124.00	\$606.00	\$606.00	\$543.00	POA	\$716.00	-	\$774.00	\$861.00	\$373.00
	41,42	\$396.00	\$361.00	\$1,322.00	\$598.00	\$598.00	\$584.00	POA	\$683.00	-	\$722.00	\$803.00	\$361.00
	43,44	\$510.00	\$462.00	\$1,352.00	\$691.00	\$691.00	\$690.00	POA	\$791.00	-	\$821.00	\$914.00	\$462.00
	51,52	\$416.00	\$390.00	\$1,564.00	\$670.00	\$670.00	\$635.00	POA	\$855.00	-	\$902.00	\$993.00	\$390.00
	53,54	\$552.00	\$503.00	\$1,729.00	\$787.00	\$787.00	\$754.00	POA	\$975.00	-	\$1,016.00	\$1,112.00	\$503.00
	61,62	\$563.00	\$570.00	\$2,046.00	\$810.00	\$810.00	\$762.00	POA	\$1,077.00	-	\$1,144.00	\$1,252.00	\$570.00
	63,64	\$806.00	\$775.00	\$2,316.00	\$1,018.00	\$1,018.00	\$965.00	POA	\$1,287.00	-	\$1,346.00	\$1,457.00	\$775.00
T525	01,02	\$399.00	-	\$1,514.00	\$584.00	\$584.00	-	POA	\$671.00	-	\$975.00	\$1,013.00	-
	03,04	\$474.00	-	\$1,590.00	\$699.00	\$699.00	-	POA	\$748.00	-	\$1,031.00	\$1,089.00	-
T526	01,02	\$450.00	-	\$1,649.00	\$654.00	\$654.00	-	POA	\$735.00	-	\$1,075.00	\$1,116.00	-
	03,04	\$517.00	-	\$1,719.00	\$760.00	\$760.00	-	POA	\$812.00	-	\$1,132.00	\$1,191.00	-
T530	21,22	\$331.00	\$344.00	\$1,077.00	\$525.00	\$525.00	\$514.00	POA	\$534.00	\$596.00	\$660.00	\$735.00	\$344.00
	23,24	\$411.00	\$404.00	\$1,101.00	\$591.00	\$591.00	\$576.00	POA	\$601.00	\$643.00	\$727.00	\$797.00	\$404.00
	41,42	\$407.00	\$390.00	\$1,297.00	\$582.00	\$582.00	\$620.00	POA	\$663.00	\$707.00	\$686.00	\$748.00	\$390.00
	43,44	\$524.00	\$493.00	\$1,326.00	\$682.00	\$682.00	\$716.00	POA	\$762.00	\$829.00	\$838.00	\$853.00	\$493.00
	51,52	\$432.00	\$422.00	\$1,539.00	\$653.00	\$653.00	\$670.00	POA	\$829.00	\$853.00	\$865.00	\$934.00	\$422.00
	53,54	\$566.00	\$538.00	\$1,705.00	\$764.00	\$764.00	\$784.00	POA	\$945.00	\$972.00	\$978.00	\$1,050.00	\$538.00
	61,62	\$576.00	\$606.00	\$2,022.00	\$793.00	\$793.00	\$704.00	POA	\$1,054.00	\$1,103.00	\$1,106.00	\$1,191.00	\$606.00
	63,64	\$809.00	\$809.00	\$2,291.00	\$1,001.00	\$1,001.00	\$1,002.00	POA	\$1,267.00	\$1,273.00	\$1,311.00	\$1,395.00	\$809.00
T531	21,22	\$377.00	\$393.00	\$1,209.00	\$588.00	\$588.00	\$564.00	POA	\$598.00	-	\$776.00	\$844.00	\$393.00
	23,24	\$454.00	\$454.00	\$1,233.00	\$654.00	\$654.00	\$624.00	POA	\$664.00	-	\$832.00	\$908.00	\$454.00
	41,42	\$451.00	\$439.00	\$1,428.00	\$645.00	\$645.00	\$670.00	POA	\$724.00	-	\$791.00	\$858.00	\$439.00
	43,44	\$566.00	\$542.00	\$1,458.00	\$745.00	\$745.00	\$764.00	POA	\$858.00	-	\$940.00	\$960.00	\$542.00
	51,52	\$474.00	\$471.00	\$1,671.00	\$716.00	\$716.00	\$721.00	POA	\$891.00	-	\$970.00	\$970.00	\$471.00
	53,54	\$609.00	\$585.00	\$1,836.00	\$827.00	\$827.00	\$831.00	POA	\$1,011.00	-	\$1,077.00	\$1,159.00	\$471.00
	61,62	\$618.00	\$654.00	\$2,152.00	\$856.00	\$856.00	\$754.00	POA	\$1,116.00	-	\$1,208.00	\$1,301.00	\$585.00
	63,64	\$853.00	\$860.00	\$2,422.00	\$1,063.00	\$1,063.00	\$1,052.00	POA	\$1,331.00	-	\$1,418.00	\$1,506.00	\$654.00
V525	01,02	\$422.00	-	\$1,609.00	\$620.00	\$620.00	-	POA	\$712.00	-	\$1,016.00	\$1,054.00	\$860.00
	03,04	\$495.00	-	\$1,683.00	\$731.00	\$731.00	-	POA	\$788.00	-	\$1,071.00	\$1,129.00	-
V526	01,02	\$467.00	-	\$1,749.00	\$689.00	\$689.00	-	POA	\$776.00	-	\$1,116.00	\$1,155.00	-
	03,04	\$540.00	-	\$1,821.00	\$801.00	\$801.00	-	POA	\$853.00	-	\$1,173.00	\$1,232.00	-

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# Diaphragm Seals

## Flange-Mounted Diaphragm Seals - Standard Diaphragm\* (Continued)

### Process Housing Material (continued)

Model No.	Conn. Size	Steel C	PVC Z	Hast C-276 H	304SS F	316SS S	Teflon T	Hast B G	Monel M	Teflon Lined L	Carp 20 D	Nickel N	Polypro P
V530	21,22	\$344.00	\$357.00	\$1,138.00	\$551.00	\$551.00	\$536.00	POA	\$564.00	\$637.00	\$701.00	\$776.00	\$357.00
	23,24	\$428.00	\$422.00	\$1,162.00	\$620.00	\$620.00	\$601.00	POA	\$630.00	\$637.00	\$771.00	\$838.00	\$401.00
	41,42	\$425.00	\$407.00	\$1,374.00	\$612.00	\$612.00	\$649.00	POA	\$704.00	\$748.00	\$727.00	\$788.00	\$407.00
	43,44	\$560.00	\$524.00	\$1,411.00	\$725.00	\$725.00	\$762.00	POA	\$803.00	\$870.00	\$879.00	\$893.00	\$524.00
	51,52	\$425.00	\$448.00	\$1,640.00	\$695.00	\$695.00	\$716.00	POA	\$870.00	\$893.00	\$906.00	\$975.00	\$448.00
	53,54	\$601.00	\$572.00	\$1,818.00	\$810.00	\$810.00	\$836.00	POA	\$986.00	\$1,013.00	\$1,019.00	\$1,091.00	\$572.00
	61,62	\$612.00	\$645.00	\$2,152.00	\$845.00	\$845.00	\$750.00	POA	\$1,095.00	\$1,144.00	\$1,147.00	\$1,232.00	\$645.00
	63,64	\$863.00	\$863.00	\$2,441.00	\$1,068.00	\$1,068.00	\$1,068.00	POA	\$1,308.00	\$1,313.00	\$1,352.00	\$1,436.00	\$863.00
V531	21,22	\$396.00	\$422.00	\$1,288.00	\$628.00	\$628.00	\$598.00	POA	\$639.00	-	\$817.00	\$885.00	\$422.00
	23,24	\$483.00	\$483.00	\$1,313.00	\$699.00	\$699.00	\$665.00	POA	\$709.00	-	\$873.00	\$949.00	\$483.00
	41,42	\$486.00	\$468.00	\$1,525.00	\$686.00	\$686.00	\$716.00	POA	\$765.00	-	\$832.00	\$899.00	\$468.00
	43,44	\$601.00	\$578.00	\$1,554.00	\$792.00	\$792.00	\$810.00	POA	\$899.00	-	\$981.00	\$1,001.00	\$578.00
	51,52	\$508.00	\$501.00	\$1,780.00	\$762.00	\$762.00	\$770.00	POA	\$932.00	-	\$1,011.00	\$1,050.00	\$501.00
	53,54	\$648.00	\$624.00	\$1,960.00	\$879.00	\$879.00	\$886.00	POA	\$105.00	-	\$1,118.00	\$1,200.00	\$624.00
	61,62	\$642.00	\$682.00	\$2,277.00	\$897.00	\$897.00	\$787.00	POA	\$1,155.00	-	\$1,249.00	\$1,342.00	\$682.00
	63,64	\$911.00	\$916.00	\$2,580.00	\$1,132.00	\$1,132.00	\$1,122.00	POA	\$1,372.00	-	\$1,459.00	\$1,547.00	\$916.00
W525	01,02	\$364.00	-	\$1,444.00	\$570.00	\$570.00	-	POA	\$666.00	-	\$952.00	\$1,013.00	-
	03,04	\$428.00	-	\$1,514.00	\$683.00	\$683.00	-	POA	\$742.00	-	\$1,011.00	\$1,080.00	-
W526	01,02	\$407.00	-	\$1,571.00	\$632.00	\$632.00	-	POA	\$727.00	-	\$1,057.00	\$1,116.00	-
	03,04	\$471.00	-	\$1,641.00	\$747.00	\$747.00	-	POA	\$803.00	-	\$1,112.00	\$1,185.00	-
W530	21,22	\$318.00	\$284.00	\$1,001.00	\$508.00	\$508.00	\$462.00	POA	\$517.00	\$550.00	\$619.00	\$709.00	\$284.00
	23,24	\$378.00	\$355.00	\$1,023.00	\$570.00	\$570.00	\$522.00	POA	\$683.00	\$645.00	\$686.00	\$780.00	\$355.00
	41,42	\$387.00	\$340.00	\$1,221.00	\$560.00	\$560.00	\$564.00	POA	\$657.00	\$669.00	\$643.00	\$733.00	\$340.00
	43,44	\$500.00	\$436.00	\$1,230.00	\$659.00	\$659.00	\$662.00	POA	\$762.00	\$776.00	\$742.00	\$829.00	\$436.00
	51,52	\$414.00	\$365.00	\$1,463.00	\$632.00	\$632.00	\$614.00	POA	\$829.00	\$794.00	\$829.00	\$914.00	\$365.00
	53,54	\$525.00	\$488.00	\$1,628.00	\$750.00	\$750.00	\$730.00	POA	\$949.00	\$870.00	\$970.00	\$1,060.00	\$488.00
	61,62	\$588.00	\$546.00	\$1,944.00	\$775.00	\$775.00	\$741.00	POA	\$1,057.00	\$937.00	\$1,068.00	\$1,173.00	\$546.00
	63,64	\$758.00	\$750.00	\$2,216.00	\$982.00	\$982.00	\$944.00	POA	POA	POA	POA	POA	POA
W531	21,22	\$361.00	\$331.00	\$1,131.00	\$572.00	\$572.00	\$510.00	POA	\$581.00	-	\$722.00	\$817.00	\$331.00
	23,24	\$422.00	\$404.00	\$1,157.00	\$632.00	\$632.00	\$572.00	POA	\$748.00	-	\$791.00	\$885.00	\$404.00
	41,42	\$430.00	\$387.00	\$1,353.00	\$620.00	\$620.00	\$614.00	POA	\$719.00	-	\$745.00	\$840.00	\$387.00
	43,44	\$542.00	\$488.00	\$1,380.00	\$724.00	\$724.00	\$713.00	POA	\$824.00	-	\$844.00	\$937.00	\$488.00
	51,52	\$457.00	\$416.00	\$1,596.00	\$691.00	\$691.00	\$662.00	POA	\$891.00	-	\$932.00	\$1,022.00	\$416.00
	53,54	\$570.00	\$538.00	\$1,758.00	\$810.00	\$810.00	\$780.00	POA	\$1,013.00	-	\$1,068.00	\$1,170.00	\$538.00
	61,62	\$632.00	\$598.00	\$2,077.00	\$838.00	\$838.00	\$788.00	POA	\$1,118.00	-	\$1,173.00	\$1,278.00	\$598.00
	63,64	\$801.00	\$801.00	\$2,345.00	\$1,042.00	\$1,042.00	\$992.00	POA	POA	-	POA	POA	POA

### Instrument Housing Material

Model No.	Connection Size	Steel C	316SS S
525,526	All	No Extra	\$235.00
530,531	21,22,23,24	No Extra	\$352.00
	41,42,43,44	No Extra	\$386.00
	51,52,53,54	No Extra	\$451.00
	61,62,63,64	No Extra	\$513.00

\* Add Diaphragm, Process Housing and Instrument Housing for complete list price.

POA = Price on Application



# Diaphragm Seals

## Flange-Mounted Diaphragm Seals - Large Diaphragm\*

### Diaphragm Material

Type M&W							Type T
316SS	Monel	Hast B	Nickel	Carp 20	Hast C-276	Tantalum	Teflon
S	M	G	N	D	H	U	T
\$39.50	\$52.50	\$115.00	\$55.75	\$78.75	\$115.00	\$122.00	\$61.50

### Process Housing Material

Model No.	Conn. Size	Steel C	PVC Z	Hast C-276 H	304SS F	316SS S	Teflon T	Hast B G	Monel M	Teflon Lined L	Carp 20 D	Nickel N	Polypro P
<b>T625</b>	01,02	\$490.00	-	\$1,825.00	\$713.00	\$713.00	-	POA	\$806.00	-	\$1,170.00	\$1,217.00	-
	03,04	\$572.00	-	\$1,907.00	\$838.00	\$838.00	-	POA	\$908.00	-	\$1,237.00	\$1,308.00	-
	21,22	\$555.00	-	\$1,821.00	\$818.00	\$818.00	-	POA	\$891.00	\$955.00	\$1,229.00	\$1,293.00	-
	23,24	\$647.00	-	\$1,885.00	\$924.00	\$924.00	-	POA	\$972.00	\$1,022.00	\$1,301.00	\$1,378.00	-
<b>T626</b>	01,02	\$536.00	-	\$1,958.00	\$775.00	\$775.00	-	POA	\$870.00	-	\$1,270.00	\$1,322.00	-
	03,04	\$617.00	-	\$2,042.00	\$900.00	\$900.00	-	POA	\$972.00	-	\$1,339.00	\$1,410.00	-
	21,22	\$601.00	-	\$1,955.00	\$863.00	\$863.00	-	POA	\$952.00	-	\$1,331.00	\$1,392.00	-
	23,24	\$691.00	-	\$2,015.00	\$986.00	\$986.00	-	POA	\$996.00	-	\$1,404.00	\$1,495.00	-
<b>T630</b>	41,42	\$493.00	\$472.00	\$1,561.00	\$700.00	\$700.00	\$750.00	POA	\$794.00	\$724.00	\$829.00	\$902.00	\$472.00
	43,44	\$632.00	\$594.00	\$1,592.00	\$819.00	\$819.00	\$859.00	POA	\$914.00	\$993.00	\$1,007.00	\$1,022.00	\$594.00
	51,52	\$518.00	\$508.00	\$1,847.00	\$785.00	\$785.00	\$808.00	POA	\$993.00	\$1,022.00	\$1,039.00	\$1,121.00	\$508.00
	53,54	\$680.00	\$971.00	\$2,750.00	\$1,203.00	\$1,203.00	\$1,203.00	POA	\$1,523.00	\$1,529.00	\$1,575.00	\$1,678.00	\$971.00
	61,62	\$691.00	\$730.00	\$2,428.00	\$954.00	\$954.00	\$848.00	POA	\$1,264.00	\$1,326.00	\$1,328.00	\$1,431.00	\$730.00
	63,64	\$971.00	\$971.00	\$2,750.00	\$1,203.00	\$1,203.00	\$1,203.00	POA	\$1,523.00	\$1,529.00	\$1,575.00	\$1,678.00	\$971.00
<b>T631</b>	41,42	\$539.00	\$522.00	\$1,691.00	\$762.00	\$762.00	\$810.00	POA	\$858.00	-	\$932.00	\$1,001.00	\$522.00
	43,44	\$678.00	\$644.00	\$1,722.00	\$880.00	\$880.00	\$809.00	POA	\$978.00	-	\$1,109.00	\$1,127.00	\$644.00
	51,52	\$564.00	\$559.00	\$1,979.00	\$848.00	\$848.00	\$871.00	POA	\$1,057.00	-	\$1,142.00	\$1,226.00	\$559.00
	53,54	\$725.00	\$1,022.00	\$2,884.00	\$1,267.00	\$1,267.00	\$1,267.00	POA	\$1,585.00	-	\$1,678.00	\$1,780.00	\$1,022.00
	61,62	\$738.00	\$780.00	\$2,560.00	\$1,017.00	\$1,017.00	\$912.00	POA	\$1,328.00	-	\$1,431.00	\$1,532.00	\$780.00
	63,64	\$1,020.00	\$1,022.00	\$2,884.00	\$966.00	\$966.00	\$966.00	POA	\$1,585.00	-	\$1,678.00	\$1,780.00	\$1,022.00

### Product Selection Considerations

Is a diaphragm seal required?

A diaphragm seal should be considered if the medium is corrosive or the medium contain solids that could clog the gauge.

Are there any temperature extremes to take into account?

High process temperatures from steam or other hot media need to be known and temperature rating of the gauge considered for such applications. Liquid filling of gauges exposed to ambient temperatures below freezing need special formulated fill to keep the fill in a liquid state.

Will there be heavy pulsation or vibration in the application?

Liquid filling or additional protection should be considered

Will the gauge be utilized in an indoor or outdoor application or outside?

Gauge will need to be properly protected from indoor or outdoor ambient temperature and the environment in proximity to the gauge exterior needs to be known to choose the correct case material

(Continued Next Page)



# Diaphragm Seals

## Flange-Mounted Diaphragm Seals - Large Diaphragm\* (Continued)

### Process Housing Material (continued)

Model No.	Conn. Size	Steel C	PVC Z	Hast C-276 H	304SS F	316SS S	Teflon T	Hast B G	Monel M	Teflon Lined L	Carp 20 D	Nickel N	Polypro P
W625	01,02	\$469.00	-	\$1,733.00	\$683.00	\$683.00	-	POA	\$801.00	-	\$1,144.00	\$1,217.00	-
	03,04	\$513.00	-	\$1,817.00	\$824.00	\$824.00	-	POA	\$891.00	-	\$1,211.00	\$1,301.00	-
	21,22	\$501.00	-	\$1,729.00	\$787.00	\$787.00	-	POA	\$917.00	\$952.00	\$1,214.00	\$1,293.00	-
	23,24	\$596.00	-	\$1,794.00	\$895.00	\$895.00	-	POA	\$996.00	\$1,039.00	\$1,287.00	\$1,378.00	-
W626	01,02	\$483.00	-	\$1,865.00	\$747.00	\$747.00	-	POA	\$865.00	-	\$1,249.00	\$1,322.00	-
	03,04	\$560.00	-	\$1,948.00	\$886.00	\$886.00	-	POA	\$952.00	-	\$1,313.00	\$1,404.00	-
	21,22	\$546.00	-	\$1,862.00	\$848.00	\$848.00	-	POA	\$981.00	-	\$1,316.00	\$1,392.00	-
	23,24	\$642.00	-	\$1,927.00	\$957.00	\$957.00	-	POA	\$1,060.00	-	\$1,390.00	\$1,480.00	-
W630	41,42	\$468.00	\$407.00	\$1,466.00	\$670.00	\$670.00	\$679.00	POA	\$788.00	\$803.00	\$774.00	\$879.00	\$407.00
	43,44	\$598.00	\$525.00	\$1,499.00	\$792.00	\$792.00	\$796.00	POA	\$914.00	\$932.00	\$881.00	\$993.00	\$525.00
	51,52	\$496.00	\$439.00	\$1,755.00	\$758.00	\$758.00	\$737.00	POA	\$993.00	\$952.00	\$993.00	\$1,101.00	\$439.00
	53,54	\$632.00	\$584.00	\$1,955.00	\$901.00	\$901.00	\$876.00	POA	\$1,142.00	\$1,048.00	\$1,165.00	\$1,270.00	\$584.00
	61,62	\$708.00	\$658.00	\$2,348.00	\$933.00	\$933.00	\$891.00	POA	\$1,267.00	\$1,127.00	\$1,285.00	\$1,406.00	\$658.00
	63,64	\$909.00	\$901.00	\$2,643.00	\$1,178.00	\$1,178.00	\$1,132.00	POA	POA	POA	POA	POA	POA
	63,64	\$909.00	\$901.00	\$2,643.00	\$1,178.00	\$1,178.00	\$1,132.00	POA	POA	POA	POA	POA	POA
W631	41,42	\$513.00	\$457.00	\$1,599.00	\$733.00	\$733.00	\$741.00	POA	\$853.00	-	\$873.00	\$984.00	\$457.00
	43,44	\$645.00	\$576.00	\$1,632.00	\$856.00	\$856.00	\$859.00	POA	\$978.00	-	\$986.00	\$1,101.00	\$576.00
	51,52	\$542.00	\$492.00	\$1,888.00	\$822.00	\$822.00	\$801.00	POA	\$1,057.00	-	\$1,098.00	\$1,200.00	\$492.00
	53,54	\$679.00	\$635.00	\$2,085.00	\$963.00	\$963.00	\$939.00	POA	\$1,206.00	-	\$1,264.00	\$1,375.00	\$635.00
	61,62	\$754.00	\$708.00	\$2,465.00	\$992.00	\$992.00	\$953.00	POA	\$1,331.00	-	\$1,386.00	\$1,509.00	\$708.00
	63,64	\$955.00	\$953.00	\$2,788.00	\$1,243.00	\$1,243.00	\$1,195.00	POA	POA	-	POA	POA	POA

### Instrument Housing Material

Model No.	Connection Size	Steel C	316SS S
625,626	All	No Extra	\$264.00
630,631	41,42,43,44	No Extra	\$386.00
	51,52,53,54	No Extra	\$451.00
	61,62,63,64	No Extra	\$513.00
	61,62,63,64	No Extra	\$513.00

\* Add Diaphragm, Process Housing and Instrument Housing for complete list price.

POA = Price on Application

## Other Diaphragm Seal Styles

Trerice offers various styles of diaphragm seals. Because of their special nature, these diaphragm seals must be priced on application:

- In-Line Threaded
- Saddle-Welded
- Drop-In Welded



# Diaphragm Seals

## Mini & Compact Diaphragm Seals (Diaphragm and Process Housing Material)

Model No.	Connection Size	Flushing Connection	316SS S
W205	01, 03	No	\$114.00
W305	01, 02, 03, 04	No	\$212.00
W306	01, 02, 03, 04	Yes	\$307.00

## Sanitary Diaphragm Seals (Diaphragm and Housing Material)

Model No.	Tri-Clamp Size	316SS S
W472	1½"	\$279.00
W472	2"	\$267.00

## Fill and Mounting Charges (Price includes fill fluid and mounting of standard bourdon tube pressure gauge.)

Fill Fluid	Item No.	Diaphragm Size		
		Standard or Large	Mini or Compact	Sanitary
Instrument Oil	D99100	\$82.00	\$60.50	\$71.25
Silicone	D99200	\$82.00	\$60.50	\$71.25
Halocarbon	D99300	\$132.00	\$96.00	\$114.00
Glycerin	D99400	\$82.00	\$60.50	\$71.25
Neobee M-20	D99600	\$82.00	\$60.50	\$71.25

## Capillary Tubing Assemblies (5 Foot Length)

Connection Fitting Size	304 SS Plain Capillary		304 SS Armored Capillary	
	Item No.	Price	Item No.	Price
¼ NPT M x ¼ NPT M	DT5560-05	\$183.00	DT5580-05	\$284.00
¼ NPT M x ¼ NPT F	DT5561-05	\$191.00	DT5581-05	\$289.00
¼ NPT M x ½ NPT M	DT5562-05	\$194.00	DT5582-05	\$293.00
¼ NPT M x ½ NPT F	DT5563-05	\$199.00	DT5583-05	\$297.00
¼ NPT F x ¼ NPT F	DT5564-05	\$203.00	DT5584-05	\$301.00
¼ NPT F x ½ NPT M	DT5565-05	\$212.00	DT5585-05	\$311.00
¼ NPT F x ½ NPT F	DT5566-05	\$217.00	DT5586-05	\$315.00
½ NPT M x ½ NPT M	DT5567-05	\$224.00	DT5587-05	\$325.00
½ NPT M x ½ NPT F	DT5568-05	\$235.00	DT5588-05	\$340.00
½ NPT F x ½ NPT F	DT5569-05	\$247.00	DT5589-05	\$347.00

## Additional and Optional Capillary (Per Foot)

Description	Price
Plain 304SS Capillary	\$28.50
Armored 304SS Capillary	\$46.75

Optional Capillary Materials Available - Please Consult Factory For Availability



# Diaphragm Seals

## Replacement Diaphragms

Material	Series 5 Clean-out		Series 5 Non Clean-out		Series 6 Clean-out		Series 6 Non Clean-out	
	Item No.	Price	Item No.	Price	Item No.	Price	Item No.	Price
Carpenter 20	DM5403-D	\$120.00	DM5401-D	\$96.50	N/A		DM6401-D	\$116.00
304SS	DM5403-F	\$81.75	DM5401-F	\$59.75	N/A		DM6401-F	\$72.50
Hastelloy B	DM5403-G	\$157.00	DM5401-G	\$133.00	N/A		DM6401-G	\$160.00
Hastelloy C-276	DM5403-H	\$157.00	DM5401-H	\$133.00	N/A		DM6401-H	\$160.00
Monel	DM5403-M	\$87.00	DM5401-M	\$63.50	N/A		DM6401-M	\$78.25
Nickel	DM5403-N	\$91.00	DM5401-N	\$69.00	N/A		DM6401-N	\$81.75
316SS	DM5403-S	\$69.00	DM5401-S	\$46.75	N/A		DM6401-S	\$56.00
Teflon	DT5403	\$81.75	DT5404	\$69.00	DT6403	\$110.00	DT6404	\$87.00
Tantalum	DM5403-U	\$167.00	DM5401-U	\$143.00	N/A		DM6401-U	\$171.00
Viton	DV5404	\$195.00	DV5404	\$195.00	N/A		N/A	

## Replacement Gaskets

Item No.	Price
M5406	\$14.00
M6406	\$15.50
T5410	\$14.00
T5411	\$14.00
T6410	\$15.50
T5407	\$9.75
T5411	\$17.25
T6407	\$17.25
T6411	\$30.50

## Certificate of Calibration

Instrument	Range	Accuracy	No. of Points	Price	Each Additional Point
Pressure Gauges	30" Hg Vac. Thru 0 psi 15 Thru 15,000 psi	0.5% (Grade 2A) or lesser	5	\$40.00 net	\$10.00 net
Low Pressure Gauges	Ranges 10 psi and below	1.60%	5	\$75.00 net	\$20.00 net

Please specify the vacuum or pressure points to be certified when ordering.

## Oxygen Clean

Instrument	Pressure Range	Price
Pressure Gauges	10 psi and lower	\$45.00 net each
	30" Hg Vac. Thru 600 psi	\$30.00 net each
	1,000 Thru 20,000 psi	\$45.00 net each

Most Trerice pressure gauges can be produced for Oxygen service. Please consult factory for availability.



# Pressure Transmitters

## 220TST Transmitters

Series	Electrical Connection	Process Connection	Vacuum and Compound Ranges	15 psi thru 10,000 psi	15,000 psi thru 20,000 psi
220TST	DIN 175301-803A,B or Shielded Cable	1/4 NPT LM	\$437.00	\$415.00	\$828.00





# TEMPERATURE INSTRUMENTATION

2019 List Prices

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# Industrial Thermometers

## SX9 (Solar Therm) - Light Powered Digital Thermometer

Stem Style & Material	Stem Length	7" Scale	Price
Industrial (Aluminum)	3½"	SX9140305	\$85.50
	6"	SX9140605	\$106.00
Bimetal (304SS)	2½"	SX9560205	\$87.25
	4"	SX9560405	\$87.25
	6"	SX9560605	\$108.00
Air-Duct (Aluminum)	6"	SX9900605	\$174.00
	12"	SX9901205	\$177.00

## Adjustable Angle Industrial Thermometer - AX9 / BX9 / CX9

Stem Material	Stem Length	7" Scale	Price	9" Scale	Price	12" Scale	Price
Aluminum	3½"	AX91403	\$63.25	BX91403	\$63.25	CX91403	\$191.00
	6"	AX91406	\$77.00	BX91406	\$77.00	CX91406	\$201.00
	8"	AX91408	\$212.00	BX91408	\$212.00	CX91408	\$251.00
	12"	AX91512	\$235.00	BX91512	\$235.00	CX91512	\$272.00
Lead Free Brass	3½"	AX92403	\$201.00	BX92403	\$201.00	CX92403	\$286.00
	6"	AX92406	\$240.00	BX92406	\$240.00	CX92406	\$311.00
	8"	AX92408	\$327.00	BX92408	\$327.00	CX92408	\$367.00
	12"	AX92512	\$365.00	BX92512	\$365.00	CX92512	\$407.00
304SS	3½"	AX93403	\$314.00	BX93403	\$314.00	CX93403	\$394.00
	6"	AX93406	\$388.00	BX93406	\$388.00	CX93406	\$456.00
	8"	AX93408	\$507.00	BX93408	\$507.00	CX93408	\$548.00
	12"	AX93512	\$578.00	BX93512	\$578.00	CX93512	\$618.00
Air-Duct	6"	AX99006	\$219.00	BX99006	\$219.00	CX99006	\$262.00
	12"	AX99012	\$268.00	BX99012	\$268.00	CX99012	\$312.00

## Rigid Straight Industrial Thermometer - AX1 / BX1 / CX1

Stem Material	Stem Length	7" Scale	Price	9" Scale	Price	12" Scale	Price
Aluminum	3½"	AX11403	\$195.00	BX11403	\$195.00	CX11403	\$240.00
	6"	AX11406	\$208.00	BX11406	\$208.00	CX11406	\$251.00
	8"	AX11408	\$256.00	BX11408	\$256.00	CX11408	\$298.00
	12"	AX11512	\$282.00	BX11512	\$282.00	CX11512	\$325.00
Brass	3½"	AX12403	\$261.00	BX12403	\$261.00	CX12403	\$302.00
	6"	AX12406	\$286.00	BX12406	\$286.00	CX12406	\$330.00
	8"	AX12408	\$345.00	BX12408	\$345.00	CX12408	\$388.00
	12"	AX12512	\$382.00	BX12512	\$382.00	CX12512	\$425.00
304SS	3½"	AX13403	\$507.00	BX13403	\$507.00	CX13403	\$552.00
	6"	AX13406	\$571.00	BX13406	\$571.00	CX13406	\$615.00
	8"	AX13408	\$666.00	BX13408	\$666.00	CX13408	\$710.00
	12"	AX13512	\$742.00	BX13512	\$742.00	CX13512	\$784.00



# Industrial Thermometers

## Rigid 90° Angle Industrial Thermometer - AX2 / BX2 / CX2

Stem Material	Stem Length	7" Scale	Price	9" Scale	Price	12" Scale	Price
Aluminum	3½"	AX21403	\$250.00	BX21403	\$250.00	CX21403	\$296.00
	6"	AX21406	\$262.00	BX21406	\$262.00	CX21406	\$306.00
	8"	AX21408	\$307.00	BX21408	\$307.00	CX21408	\$353.00
	12"	AX21512	\$333.00	BX21512	\$333.00	CX21512	\$380.00
Brass	3½"	AX22403	\$312.00	BX22403	\$312.00	CX22403	\$359.00
	6"	AX22406	\$338.00	BX22406	\$338.00	CX22406	\$386.00
	8"	AX22408	\$401.00	BX22408	\$401.00	CX22408	\$440.00
	12"	AX22512	\$462.00	BX22512	\$462.00	CX22512	\$479.00
304SS	3½"	AX23403	\$561.00	BX23403	\$561.00	CX23403	\$606.00
	6"	AX23406	\$622.00	BX23406	\$622.00	CX23406	\$666.00
	8"	AX23408	\$721.00	BX23408	\$721.00	CX23408	\$764.00
	12"	AX23512	\$796.00	BX23512	\$796.00	CX23512	\$837.00

## BX Plus Industrial Thermometer - With Integrated RTD - BX9 / BX1 / BX2

Stem Material	Stem Length	Adjustable Angle	Price	Rigid Straight	Price	Rigid 90° Angle	Price
Aluminum	3½"	BX91403	\$486.00	BX11403	\$615.00	BX21403	\$670.00
	6"	BX91406	\$499.00	BX11406	\$628.00	BX21406	\$682.00
	8"	BX91408	\$632.00	BX11408	\$676.00	BX21408	\$727.00
	12"	BX91512	\$655.00	BX11512	\$702.00	BX21512	\$753.00
Brass	3½"	BX92403	\$621.00	BX12403	\$681.00	BX22403	\$732.00
	6"	BX92406	\$660.00	BX12406	\$706.00	BX22406	\$758.00
	8"	BX92408	\$747.00	BX12408	\$765.00	BX22408	\$821.00
	12"	BX92512	\$785.00	BX12512	\$802.00	BX22512	\$882.00
304SS	3½"	BX93403	\$734.00	BX13403	\$927.00	BX23403	\$981.00
	6"	BX93406	\$808.00	BX13406	\$991.00	BX23406	\$1,042.00
	8"	BX93408	\$927.00	BX13408	\$1,086.00	BX23408	\$1,141.00
	12"	BX93512	\$998.00	BX13512	\$1,162.00	BX23512	\$1,216.00

The "Plus" option can also be added to any "AX" or "CX" Industrial Thermometer, add \$420.00 list extra.



# Industrial Thermometers

## Hydro-Therm - HT30 / HT31

Stem Material	Stem Length	Rigid Straight	Price	Rigid 90° Angle	Price
Brass	2"	HT30	\$31.25	HT31	\$31.25

## Econo Thermometer - 4350 / 4352

Stem Material	Stem Length	Rigid Straight	Price	Rigid 90° Angle	Price
Aluminum	2"	4350102	\$75.00	4352102	\$75.00
Brass	4"	4350204	\$92.00	4352204	\$96.25
Air-Duct	6"	-	-	4352906	\$182.00
	12"	-	-	4352912	\$196.00

## Industrial and Econo Thermometer Optional Features

Code	Description	Model				
		AX	BX	CX	4350	4352
BPC	Brass Plated Case	-	\$134.00	-	-	-
CPC	Chrome Plated Case	-	\$134.00	-	-	-
WPC	Weatherproofed Case	\$79.75	\$79.75	\$79.75	\$79.75	\$79.75

## Union Connection Bushings

Material	Connection	Without Extension Neck		With 2½" Extension Neck	
		Model	Price	Model	Price
Lead Free Brass	¾ NPT	703-05D6	\$40.75	082-0013	\$157.00
Lead Free Brass	1 NPT	703-06D6	\$167.00	082-0096	\$168.00
304SS	¾ NPT	703-05D6.2	\$201.00	082-0013.2	POA
304SS	1 NPT	703-06D6.2	\$201.00	082-0096.2	POA

POA = Price on Application



# Dial Thermometers

## Remote Mounted Dial Thermometer - Stainless Steel Case

Case Style	Size	Vapor	Price	Liquid	Price
Adj. Angle - Mtg. Bracket	3½"	V80025	\$283.00	L80025	\$545.00
Back Flg. - Bottom Outlet	3½"	V80035	\$293.00	L80035	\$564.00
Back Flg. - Back Outlet	3½"	V80036	\$293.00	L80036	\$564.00
Front Flg. - Back Outlet	3½"	V80040	\$293.00	L80040	\$564.00
U-Clamp - Back Outlet	3½"	V80041	\$293.00	L80041	\$564.00

List price includes standard B01 Thermal System with 5 ft. capillary.

## Remote Mounted Dial Thermometer - Cast Aluminum Case

Case Style	Size	Vapor	Price	Liquid	Price
Back Flg. - Bottom Outlet	4½"	V80341	\$306.00	L80341	\$614.00
	6"	V80361	\$435.00	L80361	\$758.00
	8½"	V80381	\$790.00	L80381	\$1,174.00
Back Flg. - Back Outlet	4½"	V80342	\$323.00	L80342	\$626.00
	6"	V80362	\$451.00	L80362	\$767.00
	8½"	V80382	\$844.00	L80382	\$1,226.00
Hinged Ring - Back Outlet	4½"	V80345	\$393.00	L80345	\$696.00
	6"	V80365	\$478.00	L80365	\$819.00
Square Case - Bottom Outlet	7 3/8"	V80373	\$1,296.00	L80373	\$1,635.00

List price includes standard B01 Thermal System with 5 ft. capillary.

## Direct Mounted Dial Thermometer - Universal Angle

Case Style	Size	Vapor	Price	Liquid	Price
Universal Angle	4½"	V80742	\$468.00	L80742	\$678.00
	6"	V80762	\$695.00	L80762	\$823.00

List price includes standard B31 Thermal System.

## Direct Mounted Dial Thermometer - Adjustable Angle

Case Style	Size	Vapor	Price	Liquid	Price
Adjustable Angle	3½"	V80030	\$256.00	L80030	\$460.00
	4½"	V80445	\$199.00	-	-

List price includes standard B31 Thermal System.

Stainless Steel thermal system not available with V80445.



# Dial Thermometers

## Thermal Systems

### Remote Mounted

Thermal System			Additional	Capillary Tubing
Bulb and Capillary Style	Code	Price	Code	Price per Foot
Union Connection	B01	No Extra	BB	\$13.25
	B10	\$393.00	SS	\$17.75
Adjustable Union Connection	B02	No Extra	BB	\$13.25
	B04	\$393.00	SS	\$17.75
Plain Bulb	B05	No Extra	BB	\$13.25
	B06	\$334.00	SS	\$17.75
Teflon Covered Bulb	B08	\$292.00	TC	\$25.50
	B07	\$623.00	TS	\$42.75
Averaging Bulb	B11	\$116.00	BB	\$13.25
	B12	\$315.00	SS	\$17.75
Air Sensitive Bulb	B13	\$183.00	BB	\$13.25
	B14	\$229.00	SS	\$17.75
Union Connection with Spiral Armor	B15	\$224.00	AC	\$45.00
	B16	\$555.00	AS	\$50.25

Remote reading thermometers are furnished with 5 ft. of capillary. Longer lengths are available in 5 ft. increments only.

## Thermal Systems

### Direct Mounted

Thermal System			Additional
Bulb Style	Code	Price	Code
Union Connection	B31	No Extra	BB
	B32	\$307.00	SS
Union Connection with Bendable Extension	B33	No Extra	BB
	B34	\$351.00	SS
Air Sensitive Bulb	B35	\$183.00	BB



# Dial Thermometers

## Dial Thermometer Options & Accessories

Model	Acrylic Window	Laminated Safety Glass Window	Glass Window	Red Set Hand	Maximum Registering Pointer	Single Electric Contact	Double Electric Contact	Weather-proofed Case	Silicone Dampened Movement	Single Micro Switch	Double Micro Switch	Brass 3/4 NPT Hub	Stainless Steel 3/4 NPT Hub
80025	S	-	\$7.50	\$23.75	\$80.75	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80030	S	-	\$7.50	\$23.75	\$80.75	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80035	S	-	\$7.50	\$23.75	\$80.75	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80036	S	-	\$7.50	\$23.75	\$80.75	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80040	S	-	\$7.50	\$23.75	\$80.75	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80041	S	-	\$7.50	\$23.75	\$80.75	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80341	\$13.00	\$18.25	S	\$23.75	\$80.75	\$645.00	\$716.00	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80342	\$13.00	\$18.25	S	\$23.75	\$80.75	\$645.00	\$716.00	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80345	\$13.00	\$18.25	S	\$23.75	\$80.75	\$645.00	\$716.00	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80361	\$14.75	\$23.25	S	\$34.00	\$121.00	\$719.00	\$808.00	\$94.50	\$18.75	\$1,123.00	\$1,564.00	\$41.50	\$81.75
80362	\$14.75	\$23.25	S	\$34.00	\$121.00	\$719.00	\$808.00	\$94.50	\$18.75	\$1,123.00	\$1,564.00	\$41.50	\$81.75
80365	\$14.75	\$23.25	S	\$34.00	\$121.00	\$719.00	\$808.00	\$94.50	\$18.75	\$1,123.00	\$1,564.00	\$41.50	\$81.75
80381	\$45.00	-	S	-	\$203.00	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80382	\$45.00	-	S	-	\$203.00	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80445	\$13.00	-	S	\$23.75	-	-	-	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80742	\$13.00	\$18.25	S	\$23.75	\$80.75	\$645.00	\$716.00	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80762	\$14.75	\$23.25	S	\$34.00	\$121.00	\$719.00	\$808.00	\$94.50	\$18.75	-	-	\$41.50	\$81.75
80373	-	-	S	\$34.00	\$121.00	-	-	\$94.50	\$18.75	\$1,123.00	\$1,564.00	\$41.50	\$81.75

S = Standard Product Feature



# Bimetal Thermometers

## Bimetal Thermometers

Model	Dial Size	Connection Location	Stem Length				
			2½", 4", 6", 9"	12"	15"	18"	24"
B856	5"	Adjustable	\$153.00	\$217.00	\$228.00	\$241.00	\$264.00
B836	3"	Adjustable	\$145.00	\$204.00	\$217.00	\$228.00	\$254.00
B854	5"	Bottom	\$240.00	\$331.00	\$344.00	\$357.00	\$382.00
B834	3"	Bottom	\$204.00	\$283.00	\$296.00	\$309.00	\$334.00
B852	5"	Rear	\$98.00	\$145.00	\$157.00	\$170.00	\$195.00
B832	3"	Rear	\$74.75	\$114.00	\$125.00	\$138.00	\$165.00
B831X	3"	Rear	\$50.50	\$78.75	\$91.25	\$104.00	\$131.00
B822Y	2"	Rear	\$86.75	\$99.00	\$114.00	\$125.00	\$138.00
B822YP	2"	Rear	\$96.50	\$110.00	\$123.00	\$136.00	-

Over 24" up to 72" stem, add \$26.00 per 6" increment. For non-standard lengths, use price of the next longest length.

## Pocket Bimetal Thermometer

Model	Price
B81105	Price on Application

## Economy Bimetal Thermometer

Model	Dial Size	Connection	Price
PEB130	2½"	½ NPT Brass Thermowell	\$26.25
PEB132	2½"	Brass Sweatwell for ¾ Tee	\$27.75
PEB140	4"	½ NPT Brass Thermowell	\$31.25
PEB142	4"	Brass Sweatwell for ¾ Tee	\$32.75

## Bimetal Plus Thermometers With Integrated Thermocouple

Model	Dial Size	Connection Location	Stem Length				
			4", 6", 9"	12"	15"	18"	24"
B856	5"	Adjustable	\$318.00	\$334.00	\$352.00	\$368.00	\$403.00
B836	3"	Adjustable	\$305.00	\$323.00	\$340.00	\$359.00	\$392.00
B852	5"	Rear	\$251.00	\$265.00	\$286.00	\$300.00	\$335.00
B832	3"	Rear	\$221.00	\$239.00	\$256.00	\$273.00	\$307.00

Over 24" up to 48" stem, add \$32.75 per 6" increment. For non-standard lengths, use price of the next longest length.

## Bimetal Plus Thermometers With Integrated RTD

Model	Dial Size	Connection Location	Stem Length				
			4", 6", 9"	12"	15"	18"	24"
B856	5"	Adjustable	\$549.00	\$566.00	\$584.00	\$600.00	\$635.00
B836	3"	Adjustable	\$538.00	\$555.00	\$572.00	\$590.00	\$624.00
B852	5"	Rear	\$483.00	\$502.00	\$519.00	\$537.00	\$566.00
B832	3"	Rear	\$454.00	\$474.00	\$490.00	\$507.00	\$542.00

Over 24" up to 48" stem, add \$34.00 per 6" increment. For non-standard lengths, use price of the next longest length.





# Bimetal Thermometers

## Bimetal Plus Optional Features

Description	Terminal Block				Transmitter			
	Thermocouple		RTD		Thermocouple		RTD	
	Code	Price	Code	Price	Code	Price	Code	Price
Aluminum Connection Head	ABT	\$207.00	ABR	\$207.00	ATT	\$665.00	ATR	\$665.00
Polypropylene Connection Head	PBT	\$284.00	PBR	\$284.00	PTT	\$742.00	PTR	\$742.00
Stainless Steel Connection Head	SBT	\$713.00	SBR	\$713.00	STT	\$1,171.00	STR	\$1,171.00

  

Description	Code	Price
Weatherproofed Conduit Connection	WCC	\$48.50

## Bimetal Thermometer Optional Features

Code	Description	Dial Size	
		3"	5"
PLW	Acrylic Window	\$7.00	\$10.00
SGW	Safety Glass Window	\$15.25	\$18.50
MAX	Maximum Registering Pointer	\$41.25	-
SLF*	Silicone Liquid Fill	\$54.50	\$56.25
SWV	Swivel Union Connecton	\$47.25	\$47.25

\*Includes Safety Glass Window

## Flanges and Hubs

Item Number	Description	Price
065-0015	Mounting Flange	\$16.75
065-0032A	Swivel Flange	\$77.75
024-0039	Brass Adapter Hub	\$23.25
024-0063	Stainless Steel Adapter Hub	\$72.50

## Tags

Code	Description	Price
152-0015.2A	Aluminum	\$15.75
152-0016A	Paper	\$5.75
152-0015A	Stainless Steel	\$21.50
152-0018	Stainless Steel Foil	\$9.75

## Tridicator (Boiler Gauge)

Model	Dial Size	Connection Size and Location	Price
140	2½"	¼ NPT Rear	\$33.00
142	2½"	¼ NPT Rear with Lag	\$33.00
144	3"	½ NPT Lower	\$80.50
146	3"	½ NPT Rear	\$48.75



# Electronic Temperature Sensors

## Electronic Temperature Sensors - Connection Head

Code	Sensor	Connection Head	Stem Length				
			2½"	4"	6"	9"	12"
TJD	Type J Thermocouple	Cast Aluminum	\$172.00	\$186.00	\$199.00	\$199.00	\$208.00
TKD	Type K Thermocouple	Cast Aluminum	\$172.00	\$186.00	\$199.00	\$199.00	\$208.00
TDD	100Ω RTD	Cast Aluminum	\$247.00	\$263.00	\$275.00	\$275.00	\$284.00
TMD	1000Ω RTD	Cast Aluminum	\$290.00	\$306.00	\$315.00	\$315.00	\$327.00

Add for spring loaded stem: \$30.75

Add for polypropylene head: \$76.00

Add for stainless steel head: \$507.00

Over 12" up to 24" stem, add \$23.25 per 6" increment. For non-standard lengths, use price of the next longest length.

## Electronic Temperature Sensors - Integrated Leadwire with Spring Relief

Code	Sensor	Lead Wire	Stem Length				
			2½"	4"	6"	9"	12"
TJD	Type J T/C Ungrounded	10 Feet	\$194.00	\$196.00	\$201.00	\$205.00	\$212.00
TKD	Type K T/C Ungrounded	10 Feet	\$194.00	\$196.00	\$201.00	\$205.00	\$212.00
TDD	100Ω 3 wire platinum RTD	10 Feet	\$217.00	\$220.00	\$224.00	\$229.00	\$236.00
TMD	1000Ω 3 wire platinum RTD	10 Feet	\$259.00	\$263.00	\$267.00	\$272.00	\$277.00

Over 12" up to 24" stem, add \$12.00 per 6" increment. For non-standard lengths, use price of the next longest length.

Over 10' up to 100' of leadwire, add \$5.00 per foot. For non-standard lengths, use price of the next longest length.

## Electronic Temperature Sensors - Integrated Leadwire with Teflon Cover

Code	Sensor	Lead Wire	Stem Length				
			2½"	4"	6"	9"	12"
TJD	Type J T/C Ungrounded	10 Feet	\$276.00	\$283.00	\$290.00	\$301.00	\$313.00
TKD	Type K T/C Ungrounded	10 Feet	\$276.00	\$283.00	\$290.00	\$301.00	\$313.00
TDD	100Ω 3 wire platinum RTD	10 Feet	\$300.00	\$307.00	\$314.00	\$325.00	\$336.00
TMD	1000Ω 3 wire platinum RTD	10 Feet	\$343.00	\$348.00	\$357.00	\$366.00	\$380.00

Over 12" up to 24" stem, add \$23.25 per 6" increment. For non-standard lengths, use price of the next longest length.

Over 10' up to 100' of leadwire, add \$11.00 per foot. For non-standard lengths, use price of the next longest length.



# Electronic Temperature Sensors

## Electronic Temperature Sensors - Plug with Mating Jack

Code	Sensor	Connection Head	Stem Length				
			2½"	4"	6"	9"	12"
TJD	Type J T/C Ungrounded	316SS, ¼" O.D.	\$138.00	\$143.00	\$146.00	\$152.00	\$157.00
TKD	Type K T/C Ungrounded	316SS, ¼" O.D.	\$138.00	\$143.00	\$146.00	\$152.00	\$157.00

Over 12" up to 24" stem, add \$11.00 per 6" increment. For non-standard lengths, use price of the next longest length.

## TRT30 Series Temperature Transmitter

Model	Description	Price
TRT30	Transmitter	\$440.00

## Thermocouple and RTD Extension Wire

Model	Description	Gauge	Price (Per Foot)	Gauge	
					Price (Per Foot)
TAJ	Type J Thermocouple	16 AWG	\$2.50	20 AWG	\$2.25
TAK	Type K Thermocouple	16 AWG	\$3.25	20 AWG	\$2.25
TAD	3 Wire RTD	16 AWG	\$3.00	20 AWG	\$2.50

# Electronic Temperature Sensors

## TRD16 Digital Indicator

Feature	Code	Description	Price
Model	TRD16	96 mm x 48 mm (1/8 DIN) Digital Indicator	\$822.00
Input	8	Multi (T/C, RTD, mV, V)	No Extra
	4	mA	No Extra
Power Supply	90	100-240 VAC 50/60 Hz	No Extra
	08	24 VAC or 24 VDC 50/60 Hz	\$217.00
Alarms	0	None	No Extra
	1	High/Low	\$162.00
Analog Output	0	None	No Extra
	3	0 to 10 mVDC	\$217.00
	4	4 to 20 mA	\$217.00
	6	0 to 10 VDC	\$217.00
Communication Function	0	None	No Extra
	5	RS-485	\$435.00
	7	RS-232C	\$435.00

Add price of all features to the Model price to determine total list price.

## TRS16 Selector Switch

Feature	Code	Description	Price
Model	TRS16	96 mm x 48 mm (1/8 DIN) Selector Switch	\$767.00



## Industrial Thermowells

Stem Length	Conn. Size (NPT)	Brass			304 Stainless Steel			316 Stainless Steel		
		Standard	Extension	Price	Standard	Extension	Price	Standard	Extension	Price
3½"	¾	3-4F2	-	\$10.25	3-4F5	-	\$114.00	3-4F6	-	\$145.00
	1	3-5F2	-	\$136.00	3-5F5	-	\$132.00	3-5F6	-	\$175.00
	½	-	3-3FA2	\$22.00	-	3-3FA5	\$114.00	-	3-3FA6	\$175.00
	¾	-	3-4FA2	\$15.50	-	3-4FA5	\$129.00	-	3-4FA6	\$230.00
	1	-	3-5FA2	POA	-	3-5FA5	POA	-	3-5FA6	POA
6"	¾	3-4J2	-	\$25.50	3-4J5	-	\$175.00	3-4J6	-	\$224.00
	1	3-5J2	-	POA	3-5J5	-	POA	3-5J6	-	POA
	¾	-	3-4JD2	\$25.50	-	3-4JD5	\$195.00	-	3-4JD6	\$224.00
	1	-	3-5JD2	POA	-	3-5JD5	POA	-	3-5JD6	POA
8"	¾	3-4L2	3-4LD2	\$87.00	3-4L5	3-4LD5	\$282.00	3-4L6	3-4LD6	\$326.00
	1	3-5L2	3-5LD2	\$278.00	3-5L5	3-5LD5	\$297.00	3-5L6	3-5LD6	\$342.00
12"	1	3-5R2	3-5RD2	\$363.00	3-5R5	3-5RD5	\$396.00	3-5R6	3-5RD6	\$463.00

POA = Price on Application

## Lead Free Industrial Thermowells (PBF)\*

Stem Length	Conn. Size (NPT)	Lead Free Brass		
		Standard	Extension	Price
3½"	¾	3-4F2PBF	-	\$20.50
	½	-	3-3FA2PBF	\$32.25
	¾	-	3-4FA2PBF	\$30.50
6"	¾	3-4J2PBF	3-4JD2PBF	\$53.75
8"	¾	3-4L2PBF	3-4LD2PBF	\$107.00

### Lead Free Brass (PBF)

Thermowells are only available in configurations shown. For styles not shown please use stainless steel.

\* Complies with Federal Public Law 111-380 (i.e. Reduction of Lead in Drinking Water Act)

# Thermowells

## Econo Thermowells

Stem Length	Conn. Size (NPT)	Brass			304 Stainless Steel			316 Stainless Steel		
		Standard	Extension	Price	Standard	Extension	Price	Standard	Extension	Price
2"	½	3-3C2	-	\$16.25	3-3C5	-	\$79.50	3-3C6	-	\$101.00
	¾	3-4C2	-	\$66.75	3-4C5	-	\$79.50	3-4C6	-	\$101.00
4"	½	3-3G2	-	\$34.00	3-3G5	-	\$101.00	3-3G6	-	\$138.00
	¾	3-4G2	-	\$114.00	3-4G5	-	\$101.00	3-4G6	-	\$138.00
	½	-	3-3GC2	POA	-	3-3GC5	POA	-	3-3GC6	POA
	¾	-	3-4GC2	POA	-	3-4GC5	POA	-	3-4GC6	POA

POA = Price on Application

## Lead Free Econo Thermowells (PBF)\*

Stem Length	Conn. Size (NPT)	Lead Free Brass		
		Standard	Extension	Price
2"	½	3-3C2PBF	-	\$19.75
	¾	3-4C2PBF	-	\$81.00
4"	½	3-3G2PBF	-	\$79.25
	¾	3-4G2PBF	-	\$94.25

### Lead Free Brass (PBF)

Thermowells are only available in configurations shown. For styles not shown please use stainless steel.

\* Complies with Federal Public Law 111-380 (i.e. Reduction of Lead in Drinking Water Act)

## Dial Thermowells

Stem Length	Conn. Size (NPT)	Brass			304 Stainless Steel			316 Stainless Steel		
		Standard	Extension	Price	Standard	Extension	Price	Standard	Extension	Price
2"	½	7-3D2	-	\$17.25	7-3D5	-	\$65.00	7-3D6	-	\$77.25
	¾	7-4D2	-	\$66.75	7-4D5	-	\$150.00	7-4D6	-	\$171.00
4"	½	7-3G2	7-3GC2	\$45.00	7-3G5	7-3GC5	\$61.75	7-3G6	7-3GC6	\$79.50
	¾	7-4G2	7-4GC2	\$76.75	7-4G5	7-4GC5	\$150.00	7-4G6	7-4GC6	\$173.00
6"	½	7-3J2	7-3JC2	\$76.75	7-3J5	7-3JC5	\$105.00	7-3J6	7-3JC6	\$124.00
	¾	7-4J2	7-4JC2	\$90.25	7-4J5	7-4JC5	\$174.00	7-4J6	7-4JC6	\$184.00
8"	½	7-3L2	7-3LC2	\$102.00	7-3L5	7-3LC5	\$158.00	7-3L6	7-3LC6	\$263.00
	¾	7-4L2	7-4LC2	POA	7-4L5	7-4LC5	POA	7-4L6	7-4LC6	POA

POA = Price on Application

## Lead Free Dial Thermowells (PBF)\*

Stem Length	Conn. Size (NPT)	Lead Free Brass		
		Standard	Extension	Price
2"	½	7-3D2PBF	-	\$19.50
	¾	7-4D2PBF	-	\$75.50
4"	½	7-3G2PBF	7-3GC2PBF	\$51.00
6"	½	7-3J2PBF	7-3JC2PBF	\$86.75

### Lead Free Brass (PBF)

Thermowells are only available in configurations shown. For styles not shown please use stainless steel.

\* Complies with Federal Public Law 111-380 (i.e. Reduction of Lead in Drinking Water Act)



## Bimetal/Sensor Thermowells - Threaded

Prices apply to Thermowell Style 76 (Stepped Shank)

Stem Length	Conn. Size (NPT)	Brass			304 Stainless Steel			316 Stainless Steel		
		Standard	Extension	Price	Standard	Extension	Price	Standard	Extension	Price
2½"	¾	76-4D2	-	\$34.00	76-4D5	-	\$60.75	76-4D6	-	\$66.50
4"	½	76-3G2	-	\$45.50	76-3G5	-	\$68.00	76-3G6	-	\$81.75
	¾	76-4G2	-	\$39.50	76-4G5	-	\$64.75	76-4G6	-	\$75.00
	1	76-5G2	-	\$76.75	76-5G5	-	\$90.75	76-5G6	-	\$104.00
	½	-	76-3GA2	\$69.25	-	76-3GA5	\$75.00	-	76-3GA6	\$77.25
	¾	-	76-4GA2	\$59.75	-	76-4GA5	\$67.25	-	76-4GA6	\$77.25
	1	-	76-5GA2	\$76.75	-	76-5GA5	\$90.75	-	76-5GA6	\$96.75
6"	½	76-3J2	76-3JC2	\$78.50	76-3J5	76-3JC5	\$79.25	76-3J6	76-3JC6	\$117.00
	¾	76-4J2	76-4JC2	\$63.50	76-4J5	76-4JC5	\$74.50	76-4J6	76-4JC6	\$90.75
	1	76-5J2	76-5JC2	POA	76-5J5	76-5JC5	POA	76-5J6	76-5JC6	POA
9"	½	76-3M2	76-3ME2	\$108.00	76-3M5	76-3ME5	\$149.00	76-3M6	76-3ME6	\$160.00
	¾	76-4M2	76-4ME2	\$108.00	76-4M5	76-4ME5	\$109.00	76-4M6	76-4ME6	\$160.00
	1	76-5M2	76-5ME2	POA	76-5M5	76-5ME5	POA	76-5M6	76-5ME6	POA
12"	¾	76-4R2	76-4RE2	\$183.00	76-4R5	76-4RE5	\$213.00	76-4R6	76-4RE6	\$265.00
15"	¾	76-4V2	76-4VE2	POA	76-4V5	76-4VE5	POA	76-4V6	76-4VE6	POA
18"	¾	76-4Wa2	76-4WaE2	POA	76-4Wa5	76-4WaE5	POA	76-4Wa6	76-4WaE6	POA
24"	¾	76-4Wk2	76-4WkE2	POA	76-4Wk5	76-4WkE5	POA	76-4Wk6	76-4WkE6	POA

POA = Price on Application

## Lead Free Bimetal/Sensor Thermowells - Threaded (PBF)\*

Prices apply to Thermowell Style 76 (Stepped Shank)

Stem Length	Conn. Size (NPT)	Lead Free Brass		
		Standard	Extension	Price
2½"	¾	76-4D2PBF	-	\$53.75
4"	½	76-3G2PBF	-	\$53.25
	¾	76-4G2PBF	-	\$61.50
	¾	-	76-4GA2PBF	\$61.50
6"	¾	76-4J2PBF	76-4JC2PBF	\$96.50

Lead Free Brass (PBF) Thermowells are only available in configurations shown. For styles not shown please use stainless steel.

\* Complies with Federal Public Law 111-380 (i.e. Reduction of Lead in Drinking Water Act)

# Thermowells

## Other Bimetal/Sensor Thermowells and Exotic Materials

Trerice offers various styles of Bimetal/Sensor thermowells. Because of their special nature, these thermowells must be priced on application:

- Heavy Duty with Tapered Shank for High Pressure Applications
- Socket-Weld Style with Stepped or Heavy Duty Tapered Shank
- Weld-In Style with Tapered Shank
- Flanged Style with Straight or Heavy Duty Tapered Shank
- Van Stone Style with Straight Shank
- Sanitary Style with Stepped Shank

Trerice offers Brass, 304 Stainless Steel and 316 Stainless Steel as standard thermowell materials.

Exotic material thermowells are priced on application:

- Carbon Steel
- Carpenter 20
- Hastelloy B
- Hastelloy C
- Incoloy 800
- Inconel 600
- Monel
- Nickel
- Titanium





## Protective Caps for Test Wells

Item Number	Description	Price
026-0032A	Industrial - Brass	\$18.25
116-0193A	Econo - Steel	\$15.50
026-0001A	Dial or Recorder - Aluminum	\$9.75
026-0034A	Bimetal or Sensor - Brass	\$30.50
026-0034.1A	Bimetal or Sensor - Stainless Steel	\$37.50

## Thermowell Conversion Kits

Item Number	Description	Price
001-0099A	4" Bimetal into 3½" Industrial (below 400°F)	\$43.25
001-0099AH	4" Bimetal into 3½" Industrial (above 400°F)	\$58.25
198-0012	Industrial to Dial	\$39.25

## Heat Transfer Paste

Item Number	Description	Price
107-0001	½ oz. Tube	\$8.50
107-0001.1	1 Pound Jar	\$47.75

## Certificate of Calibration

Instrument	Temperature	Number of Points	Price	Each Additional Point
Industrial Thermometers	-40° through +500° F	Five	\$150.00 net	\$30.00 net
Dial Thermometers	-40° through +450° F	Five	\$150.00 net	\$30.00 net
Bimetal Thermometers	-80° through +700° F	Five	\$150.00 net	\$30.00 net

Please specify the temperature points to be certified when ordering.



# REGULATORS & CONTROL VALVES

2019 List Prices

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# Temperature Regulators

## 91000 Series Actuators

Add actuator price to valve price to determine the complete temperature regulator price.

Model	Style	Thermal System	Capillary Length	Price
91000	Non-Indicating	B01	8 feet	\$948.00
91400	Indicating	B01	8 feet	\$1,220.00
91600	Fail-Safe	B01	8 feet	\$2,560.00

## 91000 Series Thermal Systems

Bulb and Capillary Style	Thermal System		Additional Capillary Tubing	
	Code	Price	Material	Price per Foot
Union Connection	B01	No Extra	Copper	\$29.75
	B10	\$408.00	Stainless Steel	\$42.75
Adjustable Union Connection	B02	\$170.00	Copper	\$29.75
	B04	\$626.00	Stainless Steel	\$42.75
Plain Bulb	B05	No Extra	Copper	\$29.75
	B06	\$408.00	Stainless Steel	\$42.75
Teflon Covered Bulb	B08	\$850.00	Teflon over Copper	\$70.00
	B07	\$1,254.00	Teflon over Stainless	\$82.75
Union Connection with Spiral Armor	B15	\$272.00	Copper	\$62.75
	B16	\$678.00	Stainless Steel	\$75.00

Temperature regulators are furnished with 8 ft. of capillary. Longer lengths are sold in 4 ft. increments only.

Small Bulb has the same cost as standard. Please consult catalog (page 178-179) for availability.

## 91000 Series Threaded Thermowells

Bulb	Length	Conn. Size NPT	Brass (W01)		Steel (W02)		316 Stainless Steel (W04)	
			Number	Price	Number	Price	Number	Price
Small	9"	1	53-5M2	\$194.00	53-5M3	\$249.00	53-5M6	\$309.00
Small	12"	1	53-5R2	\$194.00	53-5R3	\$249.00	53-5R6	\$309.00
Standard	13"	1/4	53-6S2	\$194.00	53-6S3	\$249.00	53-6S6	\$309.00
Standard	16"	1/4	53-6Se2	\$226.00	53-6Se3	\$331.00	53-6Se6	\$412.00
Standard	20"	1/4	53-6We2	\$267.00	53-6We3	\$389.00	53-6We6	\$480.00
Standard	24"	1/4	53-6Wk2	\$311.00	53-6Wk3	\$458.00	53-6Wk6	\$564.00



## 91000/91400 Valves - Single Seat / Bronze Body

Valve Number		Size		Price
In-To-Close (Heating)	In-To-Open (Cooling)	Connection	Nominal Port	
A02	A03	½ NPT	1/8"	\$913.00
A05	A06	½ NPT	3/16"	\$913.00
A08	A09	½ NPT	¼"	\$913.00
A11	A12	½ NPT	3/8"	\$913.00
A14	A15	½ NPT	½"	\$913.00
A19	A22	¾ NPT	¾"	\$1,001.00
A26	A30	1 NPT	1"	\$1,243.00
A36	A41	1¼ NPT	1¼"	\$1,537.00
A47	A52	1½ NPT	1½"	\$1,737.00
A58	A63	2 NPT	2"	\$1,809.00

## 91000/91400 Valves - Double Seat / Bronze Body

Valve Number		Size		Price
In-To-Close (Heating)	In-To-Open (Cooling)	Connection	Nominal Port	
A21	A24	¾ NPT	¾"	\$1,166.00
A29	A33	1 NPT	1"	\$1,315.00
A39	A44	1¼ NPT	1¼"	\$1,666.00
A50	A55	1½ NPT	1½"	\$1,797.00
A61	A66	2 NPT	2"	\$2,018.00

## 91000/91400 Valves - Double Seat / Cast-Iron Body

Valve Number		Size		Price
In-To-Close (Heating)	In-To-Open (Cooling)	Connection	Nominal Port	
B73	B74	2½"	2½"	\$2,509.00
B78	B79	3"	3"	\$2,897.00
B83	B84	4"	4"	\$4,162.00
B88	B89	5"	5"	\$5,284.00
B93	B94	6"	6"	\$6,300.00

# Temperature Regulators

## 91000/91400 Valves - Single Seat / Cast-Steel Body

Valve Number		Size		Price
In-To-Close (Heating)	In-To-Open (Cooling)	Connection	Nominal Port	
C01		¾ NPT	1/8"	\$2,497.00
C02		¾ NPT	3/16"	\$2,497.00
C03		¾ NPT	¼"	\$2,497.00
C04		¾ NPT	3/8"	\$2,497.00
C05	C15	¾ NPT	½"	\$2,497.00
C06	C16	¾ NPT	¾"	\$2,497.00
C51		1 NPT	1/8"	\$2,721.00
C52		1 NPT	3/16"	\$2,721.00
C53		1 NPT	¼"	\$2,721.00
C54		1 NPT	3/8"	\$2,721.00
C55	C65	1 NPT	½"	\$2,721.00
C56	C66	1 NPT	¾"	\$2,721.00
C57	C67	1 NPT	1"	\$2,721.00

## 91000/91400 Valves - Single Seat / Stainless Steel Body

Valve Number		Size		Price
In-To-Close (Heating)	In-To-Open (Cooling)	Connection	Nominal Port	
D02	D03	½ NPT	1/8"	\$2,340.00
D05	D06	½ NPT	3/16"	\$2,340.00
D08	D09	½ NPT	¼"	\$2,340.00
D11	D12	½ NPT	3/8"	\$2,340.00
D14	D15	½ NPT	½"	\$2,340.00
D19	D22	¾ NPT	¾"	\$2,340.00
D26	D30	1 NPT	1"	\$2,440.00
D47	D52	1½ NPT	1½"	\$3,150.00
D58	D63	2 NPT	2"	\$4,105.00



# Temperature Regulators

## 91000/91400 Valves - 3-Way / Bronze Body

Valve Number	Size		Price
	Connection	Nominal Port	
A18	½ NPT	½"	\$1,329.00
A25	¾ NPT	¾"	\$1,398.00
A34	1 NPT	1"	\$1,439.00
A45	1¼ NPT	1¼"	\$1,967.00
A56	1½ NPT	1½"	\$2,075.00
A67	2 NPT	2"	\$2,239.00

## 91000/91400 Valves - 3-Way / Cast-Iron Body

Valve Number	Size		Price
	Connection	Nominal Port	
B75	2½"	2½"	\$3,396.00
B80	3"	3"	\$3,952.00
B85	4"	4"	\$4,693.00

## 91000/91400 Valves - 3-Way / Stainless Steel Body

Valve Number	Size		Price
	Connection	Nominal Port	
D18	½ NPT	½"	\$3,540.00
D25	¾ NPT	¾"	\$3,540.00
D34	1 NPT	1"	\$3,540.00
D56	1½ NPT	1½"	\$4,521.00
D67	2 NPT	2"	\$5,259.00

# Temperature Regulators

## 91600 Valves - Single or Double Seat / Bronze Body

Valve Number		Size		Seats	Price
In-To-Close (Heating)	In-To-Open (Cooling)	Connection	Nominal Port		
A02	A03	½ NPT	1/8"	1	\$913.00
A05	A06	½ NPT	3/16"	1	\$913.00
A08	A09	½ NPT	¼"	1	\$913.00
A11	A12	½ NPT	3/8"	1	\$913.00
A14	A15	½ NPT	½"	1	\$913.00
A21	A24	¾ NPT	¾"	2	\$1,166.00
A29	A33	1 NPT	1"	2	\$1,315.00
A39	A44	1¼ NPT	1¼"	2	\$1,666.00
A50	A55	1½ NPT	1½"	2	\$1,797.00
A61	A66	2 NPT	2"	2	\$2,018.00

## 91000XT Series Tank Thermostats

Model	Style	Valve	Capillary Length	Price
91000XT	Non-Indicating	X75 (3/4 NPT)	10 Feet	\$997.00
91000XT	Non-Indicating	X75 (3/4 NPT)	20 Feet	\$1,033.00
91000XT	Non-Indicating	X10 (1 NPT)	10 Feet	\$1,013.00
91000XT	Non-Indicating	X10 (1 NPT)	20 Feet	\$1,048.00

## 91000XT Series Threaded Thermowells

Bulb	Length	Conn. Size (NPT)	Number	Material	Price
Standard	8"	1	53-5L3	Steel	\$94.25
Long	20"	1	53-5We3	Steel	\$283.00
Standard	8"	1	53-5L6	316 Stainless Steel	\$494.00





## 921 Series Pressure Regulator

Item Number		Size		Seats	Price
Pressure Reducing	Back Pressure Relief	Connection	Nominal Port		
921PRV-A14	921BPR-A15	½ NPT	½"	1	\$2,746.00
921PRV-A21	921BPR-A24	¾ NPT	¾"	2	\$2,999.00
921PRV-A29	921BPR-A33	1 NPT	1"	2	\$3,148.00
921PRV-A39	921BPR-A44	1¼ NPT	1¼"	2	\$3,499.00
921PRV-A50	921BPR-A55	1½ NPT	1½"	2	\$3,630.00
921PRV-A61	921BPR-A66	2 NPT	2"	2	\$3,851.00
921PRV-B73	921BPR-B74	2½"	2½"	2	\$4,364.00
921PRV-B78	921BPR-B79	3"	3"	2	\$4,753.00
921PRV-B83	921BPR-B84	4"	4"	2	\$6,017.00
921PRV-B88	921BPR-B89	5"	5"	2	\$7,139.00
921PRV-B93	921BPR-B94	6"	6"	2	\$8,156.00

Price includes actuator and valve.

## 995 Series Pressure Regulator

Size	Spring	Diaphragm	Price	Size	Spring	Diaphragm	Price
3/8 NPT	Single	All	\$672.00				
½ NPT	Single	All	\$688.00				
¾ NPT	Single	All	\$702.00				
¾ NPT HC*	Single	All	\$985.00	¾ NPT HC*	Double	All	\$1,442.00
1 NPT	Single	All	\$1,094.00	1 NPT	Double	All	\$1,643.00
1¼ NPT	Single	All	\$1,556.00	1¼ NPT	Double	All	\$1,967.00
1½ NPT	Single	All	\$1,806.00	1½ NPT	Double	All	\$2,363.00
2 NPT	Single	All	\$2,125.00	2 NPT	Double	All	\$2,693.00

\*¾ NPT HC is high capacity version of of the standard ¾ NPT valve

# Pressure Regulators

## 1100 Series Pipeline Strainer

Threaded		Class 125 Flanged	
Size	Price	Size	Price
3/8 NPT	\$32.00	2½"	\$361.00
½ NPT	\$32.00	3"	\$416.00
¾ NPT	\$37.50	4"	\$690.00
1 NPT	\$48.75	5"	\$1,078.00
1¼ NPT	\$69.50	6"	\$1,384.00
1½ NPT	\$94.50		
2 NPT	\$142.00		



## TR890 Series Electronic Controller

Feature	Code	Description	Price
Model	TR891	48mm X 48mm (1/16 DIN) Electronic Controller	\$779.00
	TR892	72mm x 72 mm Electronic Controller	\$722.00
	TR893	96 mm X 96 mm (¼ DIN) Electronic Controller	\$722.00
	TR894	96 mm X 48 mm (1/8 DIN) Electronic Controller	\$836.00
Input	8	Multi (T/C, RTD, mVDC)	No Extra
	4	mA	No Extra
	6	VDC	No Extra
Control Output	A	4-20mA	No Extra
	C	On/Off Contact	No Extra
	D	SSR Driver	No Extra
	E	0-10 VDC	No Extra
	90	100-240VAC 50/60Hz	No Extra
Power Supply	08	24 VAC 50/60 Hz	\$221.00
	0	None	No Extra
Event Output	1	Dual Event (High and/or Low)	\$78.75
	2	Single Event (High or Low) and Heater Break CT30A	\$334.00
	3	Single Event (High or Low) and Heater Break CT50A	\$445.00
Options	00	None	No Extra
	30	Analog Output (0-10 mVDC)	\$290.00
	40	Analog Output (4-20 mA)	\$290.00
	60	Analog Output (0-10 VDC)	\$290.00
	08	Digital Input (Switch)	\$78.75
	38	Digital Input (Switch) with 0-10 mVDC Analog Output	\$334.00
	48	Digital Input (Switch) with 4-20 mA Analog Output	\$334.00
	68	Digital Input (Switch) with 0-10 VDC Analog Output	\$334.00

(Add price of all features to Model price to determine total list price.)

# Controllers

## L84000 Series Electric Contact Controller

Model	Switches	Price
L84000	1 Switch	\$1,928.00
L84100	2 Switches	\$2,103.00
L84200	3 Switches	\$2,279.00
L84300	4 Switches	\$2,453.00

Electric contact controllers are furnished with thermal system B01/B02/B05 and 5 ft. of capillary. For other thermal systems or longer capillary lengths (5 ft. increments only), please add the price from the table below.

Ranges (-100 to 100°F), (50 to 700°F), (-70 to 40°C) and (10 to 370°C), add \$237.00 list extra.

## L84000 Series Thermal Systems

Bulb and Capillary Style	Thermal System		Additional Capillary Tubing	
	Code	Price	Code	Price per Foot
Union Connection	B01	No Extra	BB	\$15.50
	B10	\$453.00	SS	\$20.00
Adjustable Union Connection	B02	No Extra	BB	\$15.50
	B04	\$453.00	SS	\$20.00
Plain Bulb	B05	No Extra	BB	\$15.50
	B06	\$385.00	SS	\$20.00
Teflon Covered Bulb	B08	\$334.00	TC	\$29.00
	B07	\$733.00	TS	\$48.50
	B15	\$254.00	AC	\$51.00
Union Connection with Spiral Armor	B16	\$633.00	AS	\$56.50

Electric contact controllers are furnished with 5 ft. of capillary. Longer lengths are sold in 5 ft. increments only.

## Replacement Thermal Systems

Item Number	Actuation	Thermal System	Price
L84000TS	Liquid	B01	\$747.00

Replacement thermal systems are furnished in style B01 with 5 ft. of capillary. For other thermal systems or longer capillary lengths (5 ft increments only), please add the price from the table above.



## L84000 Series Thermowells

Nominal Stem Length	Conn. Size (NPT)	Brass			304 Stainless Steel			316 Stainless Steel		
		Standard	Extension	Price	Standard	Extension	Price	Standard	Extension	Price
2"	½	7-3D2	---	\$17.25	7-3D5	---	\$65.00	7-3D6	---	\$77.25
	¾	7-4D2	---	\$66.75	7-4D5	---	\$150.00	7-3D6	---	\$171.00
4"	½	7-3G2	7-3GC2	\$45.00	7-3G5	7-3GC5	\$61.75	7-3G6	7-3GC6	\$79.50
	¾	7-4G2	7-4GC2	\$76.75	7-4G5	7-4GC5	\$150.00	7-4G6	7-4GC6	\$173.00
6"	½	7-3J2	7-3JC2	\$76.75	7-3J5	7-3JC5	\$105.00	7-3J6	7-3JC6	\$124.00
	¾	7-4J2	7-4JC2	\$90.25	7-4J5	7-4JC5	\$174.00	7-4J6	7-4JC6	\$184.00
8"	½	7-3L2	7-3LC2	\$102.00	7-3L5	7-3LC5	\$158.00	7-3L6	7-3LC6	\$263.00
	¾	7-4L2	7-4LC2	POA	7-4L5	7-4LC5	POA	7-4L6	7-4LC6	POA

POA = Price on Application

## L84000 Series Lead Free Thermowells\*

Stem Length	Conn. Size (NPT)	Lead Free Brass		
		Standard	Extension	Price
2"	½	7-3D2PBF	-	\$19.50
	¾	7-4D2PBF	-	\$75.50
4"	½	7-3G2PBF	7-3GC2PBF	\$51.00
6"	½	7-3J2PBF	7-3JC2PBF	\$86.75

### Lead Free Brass (PBF)

Thermowells are only available in configurations shown. For styles not shown please use stainless steel.

\* Complies with Federal Public Law 111-380 (i.e. Reduction of Lead in Drinking Water Act)

## 960 Series Solenoid Valve

Size	Normally Closed		Normally Open		3-Way 960WU
	960WB	960SB	960WA	960SA	
1/8 NPT	---	---	---	---	\$459.00
¼ NPT	---	---	---	---	\$612.00
3/8 NPT	\$444.00	\$503.00	\$646.00	\$680.00	---
½ NPT	\$444.00	\$503.00	\$646.00	\$680.00	---
¾ NPT	\$588.00	\$613.00	\$755.00	\$794.00	---
1 NPT	\$849.00	\$901.00	\$974.00	\$1,024.00	---
1¼ NPT	\$1,055.00	\$1,203.00	\$1,272.00	\$1,337.00	---
1½ NPT	\$1,731.00	\$1,872.00	\$1,718.00	\$1,805.00	---
2 NPT	\$2,320.00	\$2,365.00	\$2,414.00	\$2,536.00	---
2½ NPT	\$3,847.00	\$4,202.00	\$4,009.00	\$4,211.00	---
3 NPT	\$6,144.00	\$6,192.00	\$6,219.00	\$6,530.00	---

# Controller Accessories

## TA901 I/P Transducer

Model	Price
TA901	\$863.00

## TA987 Air Filter / Regulator

Model	Price
TA987	\$168.00

## TA600 Series Solid State Relay

Model	Price
TA610	\$132.00
TA625	\$172.00
TA640	\$213.00

## TA302 Enclosure

Model	Price
TA302	\$696.00

## RTD and Thermocouple Sensors with Connection Head

Code	Sensor	Connection Head	Stem Length				
			2½"	4"	6"	9"	12"
TJD	Type J Thermocouple	Cast Aluminum	\$172.00	\$186.00	\$199.00	\$199.00	\$208.00
TKD	Type K Thermocouple	Cast Aluminum	\$172.00	\$186.00	\$199.00	\$199.00	\$208.00
TDD	100Ω RTD	Cast Aluminum	\$247.00	\$263.00	\$275.00	\$275.00	\$284.00
TMD	1000Ω RTD	Cast Aluminum	\$290.00	\$306.00	\$315.00	\$315.00	\$327.00

Add for spring loaded stem: \$30.75

Add for polypropylene head: \$76.00

Add for stainless steel head: \$507.00

Over 12" up to 72" stem, add \$23.25 per 6" increment, for non-standard lengths, use price of the next longest length.



## Sensor Thermowells - Threaded & Heavy Duty Threaded

Nominal Stem Length	Conn. Size (NPT)	Brass			304 Stainless Steel			316 Stainless Steel		
		Standard	Extension	Price	Standard	Extension	Price	Standard	Extension	Price
2½"	¾"	76-4D2	---	\$34.00	76-4D5	---	\$60.75	76-4D6	---	\$66.50
4"	½"	76-3G2	---	\$45.50	76-3G5	---	\$68.00	76-3G6	---	\$81.75
	¾"	76-4G2	---	\$39.50	76-4G5	---	\$64.75	76-4G6	---	\$75.00
	1"	76-5G2	---	\$76.75	76-5G5	---	\$90.75	76-5G6	---	\$104.00
	½"	---	76-3GA2	\$69.25	---	76-3GA5	\$75.00	---	76-3GA6	\$77.25
	¾"	---	76-4GA2	\$59.75	---	76-4GA5	\$67.25	---	76-4GA6	\$77.25
	1"	---	76-5GA2	\$76.75	---	76-5GA5	\$90.75	---	76-5GA6	\$96.75
6"	½"	76-3J2	76-3JC2	\$78.50	76-3J5	76-3JC5	\$79.25	76-3J6	76-3JC6	\$117.00
	¾"	76-4J2	76-4JC2	\$63.50	76-4J5	76-4JC5	\$74.50	76-4J6	76-4JC6	\$90.75
	1"	76-5J2	76-5JC2	POA	76-5J5	76-5JC5	POA	76-5J6	76-5JC6	POA
9"	½"	76-3M2	76-3ME2	\$108.00	76-3M5	76-3ME5	\$149.00	76-3M6	76-3ME6	\$160.00
	¾"	76-4M2	76-4ME2	\$108.00	76-4M5	76-4ME5	\$109.00	76-4M6	76-4ME6	\$160.00
	1"	76-5M2	76-5ME2	POA	76-5M5	76-5ME5	POA	76-5M6	76-5ME6	POA
12"	¾"	76-4R2	76-4RE2	\$183.00	76-4R5	76-4RE5	\$213.00	76-4R6	76-4RE6	\$265.00
15"	¾"	76-4V2	76-4VE2	POA	76-4V5	76-4VE5	POA	76-4V6	76-4VE6	POA
18"	¾"	76-4Wa2	76-4WaE2	POA	76-4Wa5	76-4WaE5	POA	76-4Wa6	76-4WaE6	POA
24"	¾"	76-4Wk2	76-4WkE2	POA	76-4Wk5	76-4WkE5	POA	76-4Wk6	76-4WkE6	POA

POA = Price on Application

All Bimetal/Sensor Thermowells 15" and longer are Price on Application.

## Lead Free Bimetal/Sensor Thermowells - Threaded \*

Stem Length	Conn. Size (NPT)	Lead Free Brass		
		Standard	Extension	Price
2½"	¾"	76-4D2PBF	-	\$53.75
4"	½"	76-3G2PBF	-	\$53.25
	¾"	76-4G2PBF	-	\$61.50
	¾"	-	76-4GA2PBF	\$61.50
6"	¾"	76-4J2PBF	76-4JC2PBF	\$96.50

### Lead Free Brass (PBF)

Thermowells are only available in configurations shown. For styles not shown please use stainless steel.

\* Complies with Federal Public Law 111-380 (i.e. Reduction of Lead in Drinking Water Act)

# 910 Series Control Valves

## 910 Series Control Valve Actuators

Add actuator price to valve price to determine the complete control valve price.

Model	Action	Diaphragm Size	Price
910A	On/Off	7"	\$882.00
910B	On/Off	10"	\$987.00
910C	On/Off	12"	\$1,058.00
910TB	Throttling	10"	\$1,130.00
910EPA	Equal Percentage	7"	\$992.00
910EPC	Equal Percentage	12"	\$1,112.00

## 910 Series Valves - Single Seat / Bronze Body

Valve Number		Size		Price
In-To-Close	In-To-Open	Connection	Nominal Port	
A14	A15	½ NPT	½"	\$913.00
A19	A22	¾ NPT	¾"	\$1,001.00
A26	A30	1 NPT	1"	\$1,243.00
A36	A41	1¼ NPT	1¼"	\$1,537.00
A47	A52	1½ NPT	1½"	\$1,737.00
A58	A63	2 NPT	2"	\$1,809.00

## 910 Series Valves - Double Seat / Bronze Body

Valve Number		Size		Price
In-To-Close	In-To-Open	Connection	Nominal Port	
A21	A24	¾ NPT	¾"	\$1,166.00
A29	A33	1 NPT	1"	\$1,315.00
A39	A44	1¼ NPT	1¼"	\$1,666.00
A50	A55	1½ NPT	1½"	\$1,797.00
A61	A66	2 NPT	2"	\$2,018.00





# 910 Series Control Valves

## 910 Series Valves - Double Seat / Cast-Iron Body

Valve Number		Size		Price
In-To-Close	In-To-Open	Connection	Nominal Port	
B73	B74	2½"	2½"	\$2,509.00
B78	B79	3"	3"	\$2,897.00
B83	B84	4"	4"	\$4,162.00

## 910 Series Valves - Single Seat / Cast-Steel Body

Valve Number		Size		Price
In-To-Close	In-To-Open	Connection	Nominal Port	
C05	C15	¾ NPT	½"	\$2,497.00
C06	C16	¾ NPT	¾"	\$2,497.00
C55	C65	1 NPT	½"	\$2,721.00
C56	C66	1 NPT	¾"	\$2,721.00
C57	C67	1 NPT	1"	\$2,721.00

## 910 Series Valves - Single Seat / Stainless Steel Body

Valve Number		Size		Price
In-To-Close	In-To-Open	Connection	Nominal Port	
D14	D15	½ NPT	½"	\$2,340.00
D19	D22	¾ NPT	¾"	\$2,340.00
D26	D30	1 NPT	1"	\$2,440.00
D47	D52	1½ NPT	1½"	\$3,150.00
D58	D63	2 NPT	2"	\$4,105.00

# 910 Series Control Valves

## 910T Series Valves - Single or Double Seat / Bronze Body

Valve Number		Size		Seats	Price
In-To-Close	In-To-Open	Connection	Nominal Port		
A02	A03	½ NPT	1/8"	1	\$913.00
A05	A06	½ NPT	3/16"	1	\$913.00
A08	A09	½ NPT	1/4"	1	\$913.00
A11	A12	½ NPT	3/8"	1	\$913.00
A14	A15	½ NPT	½"	1	\$913.00
A21	A24	¾ NPT	¾"	2	\$1,166.00
A29	A33	1 NPT	1"	2	\$1,315.00
A39	A44	1¼ NPT	1¼"	2	\$1,666.00
A50	A55	1½ NPT	1½"	2	\$1,797.00
A61	A66	2 NPT	2"	2	\$2,018.00

## 910T Series Valves - 3-Way / Bronze Body

Valve Number	Size		Price
	Connection	Nominal Port	
A18	½ NPT	½"	\$1,329.00
A25	¾ NPT	¾"	\$1,398.00
A34	1 NPT	1"	\$1,439.00
A45	1¼ NPT	1¼"	\$1,967.00
A56	1½ NPT	1½"	\$2,075.00
A67	2 NPT	2"	\$2,239.00

## 910T Series Valves - 3-Way / Cast-Iron Body

Valve Number	Size		Price
	Connection	Nominal Port	
B75	2½"	2½"	\$3,396.00
B80	3"	3"	\$3,952.00
B85	4"	4"	\$4,693.00



## 910T Series Valves - 3-Way / Stainless Steel Body

Valve Number	Size		Price
	Connection	Nominal Port	
D18	½ NPT	½"	\$3,540.00
D25	¾ NPT	¾"	\$3,540.00
D34	1 NPT	1"	\$3,540.00
D56	1½ NPT	1½"	\$4,521.00
D67	2 NPT	2"	\$5,259.00

## 910EP Series Valves - Single Seat / Bronze Body

Valve Number		Size		Price
In-To-Close	In-To-Open	Connection	Nominal Port	
E14	E15	½ NPT	½"	\$968.00
E19	E22	¾ NPT	¾"	\$1,029.00
E26	E30	1 NPT	1"	\$1,390.00
E36	E41	1¼ NPT	1¼"	\$1,671.00
E47	E52	1½ NPT	1½"	\$1,794.00
E58	E63	2 NPT	2"	\$2,005.00

# 940 Series Control Valves

## 940 Series Control Valve Actuators

Add actuator and positioner (if required) price to valve price to determine the complete control valve price.

Model	Diaphragm Size	Price
940B	14"	\$1,921.00
940C	17"	\$5,062.00

## 940 Series Positioners

Model	Action	Price
760P	Pneumatic	\$1,956.00
760E	Electro pneumatic	\$4,095.00

## 940 Series Valves - Single Seat / Bronze Body

Valve Number		Size		Price
In-To-Close	In-To-Open	Connection	Nominal Port	
J14	J15	½ NPT	½"	\$1,066.00
J19	J22	¾ NPT	¾"	\$1,180.00
J26	J30	1 NPT	1"	\$1,333.00
J36	J41	1¼ NPT	1¼"	\$1,543.00
J47	J52	1½ NPT	1½"	\$1,616.00
J58	J63	2 NPT	2"	\$2,000.00

## 940 Series Valves - Single Seat / Cast-Iron Body

Class 125 Flanged				Class 250 Flanged			
Valve Number		Size	Price	Valve Number		Size	Price
In-To-Close	In-To-Open			In-To-Close	In-To-Open		
K71	K72	2½"	\$2,308.00	L71	L72	2½"	\$2,549.00
K76	K77	3"	\$2,844.00	L76	L77	3"	\$3,088.00
K81	K82	4"	\$3,851.00	L81	L82	4"	\$4,275.00
K86	K87	5"	\$5,492.00	L86	L87	5"	\$6,431.00
K91	K92	6"	\$7,003.00	L91	L92	6"	\$8,363.00
K96	K97	8"	\$8,908.00	L96	L97	8"	\$12,427.00



# 940 Series Control Valves

## 940 Series Valves - Double Seat / Cast-Iron Body

				250 psi Threaded			
				Valve Number			
In-To-Close		In-To-Open		Size		Price	
L50		L55		1½"		\$1,417.00	
L61		L66		2"		\$1,755.00	
Class 125 Flanged				Class 250 Flanged			
Valve Number				Valve Number			
In-To-Close		In-To-Open		In-To-Close		In-To-Open	
Size		Price		Size		Price	
K73		K74		L73		L74	
2½"		\$3,621.00		2½"		\$3,863.00	
K78		K79		L78		L79	
3"		\$4,054.00		3"		\$4,413.00	
K83		K84		L83		L84	
4"		\$5,357.00		4"		\$5,924.00	
K88		K89		L88		L89	
5"		\$7,929.00		5"		\$9,472.00	
K93		K94		L93		L94	
6"		\$9,457.00		6"		\$11,289.00	
K98		K99		L98		L99	
8"		\$13,794.00		8"		\$16,757.00	

## 940 Series Valves - Single Seat / Stainless Steel Body

Valve Number		Size		Price
In-To-Close	In-To-Open	Connection	Nominal Port	
M14	M15	½ NPT	½"	\$2,049.00
M19	M22	¾ NPT	¾"	\$2,311.00
M26	M30	1 NPT	1"	\$2,547.00
M47	M52	1½ NPT	1½"	\$3,315.00
M58	M63	2 NPT	2"	\$4,273.00

## 940 Series Valves - 3-Way / Bronze Body

Valve Number Mixing	Size		Price	Valve Number Diverting	Size		Price
	Connection	Nominal Port			Connection	Nominal Port	
N18	½ NPT	½"	\$1,404.00				
N25	¾ NPT	¾"	\$1,471.00				
N34	1 NPT	1"	\$1,538.00	J34	1 NPT	1"	\$1,686.00
N56	1½ NPT	1½"	\$1,854.00	J56	1½ NPT	1½"	\$2,226.00
N67	2 NPT	2"	\$2,305.00	J67	2 NPT	2"	\$2,762.00



# 940 Series Control Valves

## 940 Series Valves - 3-Way / Cast-Iron Body

Valve Number Mixing	Class 125 Flanged		Valve Number Mixing	Class 250 Flanged	
	Size	Price		Size	Price
P75	2½"	\$2,912.00	Q75	2½"	\$3,103.00
P80	3"	\$3,695.00	Q80	3"	\$3,967.00
P85	4"	\$4,895.00	Q85	4"	\$5,478.00
P90	5"	\$6,882.00	Q90	5"	\$8,036.00
P95	6"	\$8,274.00	Q95	6"	\$9,716.00
P100	8"	\$10,392.00	Q100	8"	\$12,348.00

Valve Number Diverting	Class 125 Flanged		Valve Number Diverting	Class 250 Flanged	
	Size	Price		Size	Price
K75	2½"	\$4,761.00	L75	2½"	\$5,095.00
K80	3"	\$5,703.00	L80	3"	\$6,107.00
K85	4"	\$7,040.00	L85	4"	\$7,848.00
K90	5"	\$8,900.00	L90	5"	\$10,368.00
K95	6"	\$11,565.00	L95	6"	\$13,715.00
K100*	8"	\$9,520.00	Not Available	Not Available	Not Available

\*Bronze Trim

## 940 Series Valves - 3-Way / Stainless Steel Body

Valve Number Mixing	Size		Price
	Connection	Nominal Port	
M18	½ NPT	½"	\$2,745.00
M25	¾ NPT	¾"	\$3,094.00
M34	1 NPT	1"	\$3,424.00
M56	1½ NPT	1½"	\$4,465.00
M67	2 NPT	2"	\$5,463.00



# 940E Series Control Valves

## 940E Series Control Valve Actuators

Add actuator price to valve price to determine the complete control valve price.

Feature	Code	Description	Price
Actuator	25	Model 25 Actuator	\$3,154.00
	26	Model 26 Actuator	\$3,822.00
Power Supply	1	24 VAC/VDC (universal)	No Extra
Fail Position	6	Stem-Out (open)	No Extra
	7	Stem-In (closed)	No Extra

Add price of all features to determine total actuator price.

## 940E Series Valves - Single Seat / Bronze Body

Valve Number In-To-Close	Size		Price
	Connection	Nominal Port	
J14	½ NPT	½"	\$1,066.00
J19	¾ NPT	¾"	\$1,180.00
J26	1 NPT	1"	\$1,333.00
J36	1¼ NPT	1¼"	\$1,543.00
J47	1½ NPT	1½"	\$1,616.00
J58	2 NPT	2"	\$2,000.00

## 940E Series Valves - Single Seat / Cast-Iron Body

Class 125 Flanged			Class 250 Flanged		
Valve Number In-To-Close	Size	Price	Valve Number In-To-Close	Size	Price
K71	2½"	\$2,308.00	L71	2½"	\$2,549.00
K76	3"	\$2,844.00	L76	3"	\$3,088.00
K81	4"	P.O.A.	L81	4"	P.O.A.
K86	5"	P.O.A.	L86	5"	P.O.A.

# 940E Series Control Valves

## 940E Series Valves - Double Seat / Cast-Iron Body

			250 psi Threaded		
			Valve Number		
			In-To-Close	Size	Price
			L50	1½"	\$1,417.00
			L61	2"	\$1,755.00
Class 125 Flanged			Class 250 Flanged		
Valve Number			Valve Number		
In-To-Close	Size	Price	In-To-Close	Size	Price
K73	2½"	\$3,621.00	L73	2½"	\$3,863.00
K78	3"	\$4,054.00	L78	3"	\$4,413.00
K83	4"	\$5,357.00	L83	4"	\$5,924.00
K88	5"	\$7,929.00	L88	5"	\$9,472.00
K93	6"	\$9,457.00	L93	6"	\$11,289.00

## 940E Valves Series - Single Seat / Stainless Steel Body

Valve Number In-To-Close	Size		Price
	Connection	Nominal Port	
M14	½ NPT	½"	\$2,049.00
M19	¾ NPT	¾"	\$2,311.00
M26	1 NPT	1"	\$2,547.00
M47	1½ NPT	1½"	\$3,315.00
M58	2 NPT	2"	\$4,273.00

## 940E Series Valves - 3-Way / Bronze Body

Valve Number Mixing	Size			Valve Number Diverting	Size		
	Connection	Nominal Port	Price		Connection	Nominal Port	Price
N18	½ NPT	½"	\$1,404.00				
N25	¾ NPT	¾"	\$1,471.00				
N34	1 NPT	1"	\$1,538.00	J34	1 NPT	1"	\$1,686.00
N56	1½ NPT	1½"	\$1,854.00	J56	1½ NPT	1½"	\$2,226.00
N67	2 NPT	2"	\$2,305.00	J67	2 NPT	2"	\$2,762.00





## 940E Series Valves - 3-Way / Cast-Iron Body

Valve Number Mixing	Class 125 Flanged		Valve Number Mixing	Class 250 Flanged	
	Size	Price		Size	Price
P75	2½"	\$2,912.00	Q75	2½"	\$3,103.00
P80	3"	\$3,695.00	Q80	3"	\$3,967.00
P85	4"	P.O.A.	Q85	4"	P.O.A.
P90	5"	P.O.A.	Q90	5"	P.O.A.
P95	6"	P.O.A.	Q95	6"	P.O.A.

Valve Number Diverting	Class 125 Flanged		Valve Number Diverting	Class 250 Flanged	
	Size	Price		Size	Price
K75	2½"	\$4,761.00	L75	2½"	\$5,095.00
K80	3"	\$5,703.00	L80	3"	\$6,107.00
K85	4"	P.O.A.	L85	4"	P.O.A.
K90	5"	P.O.A.	L90	5"	P.O.A.

## 940E Series Valves - 3-Way / Stainless Steel Body

Valve Number Mixing	Size		Price
	Connection	Nominal Port	
M18	½ NPT	½"	\$2,745.00
M25	¾ NPT	¾"	\$3,094.00
M34	1 NPT	1"	\$3,424.00
M56	1½ NPT	1½"	\$4,465.00
M67	2 NPT	2"	\$5,463.00

# Accessories and Replacement Parts

## Replacement Diaphragms for Pneumatic Actuators

Actuator	Diaphragm Size	Item Number	Price
910A	7"	053-0002	\$48.00
910B	10"	053-0003	\$84.50
910C	12"	053-0004	\$132.00
910TB	10"	053-0003	\$84.50
910EPA	7"	053-0002	\$48.00
910EPC	12"	053-0004	\$132.00
940B	14" (18 Bolt Holes - New Style)	053-0023.1	\$398.00
940B	14" (16 Bolt Holes - Old Style)	053-0023	\$398.00
940C	17"	053-0024	\$522.00

## Valve Packing Kits

Series	Valve Style	Item Number	Price
91000/910	Bronze Body / Union Ends	105-0005K	\$43.50
91000/910	Cast-Iron Body / Flanged Ends	KXXXXXXX005	\$207.00
91000/910	Cast-Steel Body / Threaded Ends	105-0005K	\$43.50
91000/910	Stainless Steel Body / Threaded Ends	KXXXXXCXX000	POA
940/940E	All	Consult Factory	POA

## Replacement Union Connections for Bronze Body Valves

Size	Union Nut - Iron		Union Tailpiece - Iron	
	Item Number	Price Each	Item Number	Price Each
½ NPT	103-0155.1	\$24.50	109-0229.1	\$24.50
¾ NPT	103-0155.2	\$25.50	109-0229.2	\$25.50
1 NPT	103-0155.3	\$26.25	109-0229.3	\$26.25
1¼ NPT	103-0155.4	\$39.25	109-0229.4	\$39.25
1½ NPT	103-0155.5	\$47.00	109-0229.5	\$47.00
2 NPT	103-0155.6	\$65.00	109-0229.6	\$65.00

Each valve requires two nuts and two tailpieces.

## Other Parts and Accessories

Description	Item Number	Price
Heat Transfer Paste	107-0001	\$8.50
Valve Stem Jam Nut for 91000 Series and 910 Series (requires two per valve)	2012	\$3.50
Valve By-Pass Hole	BYPASS	\$162.00

