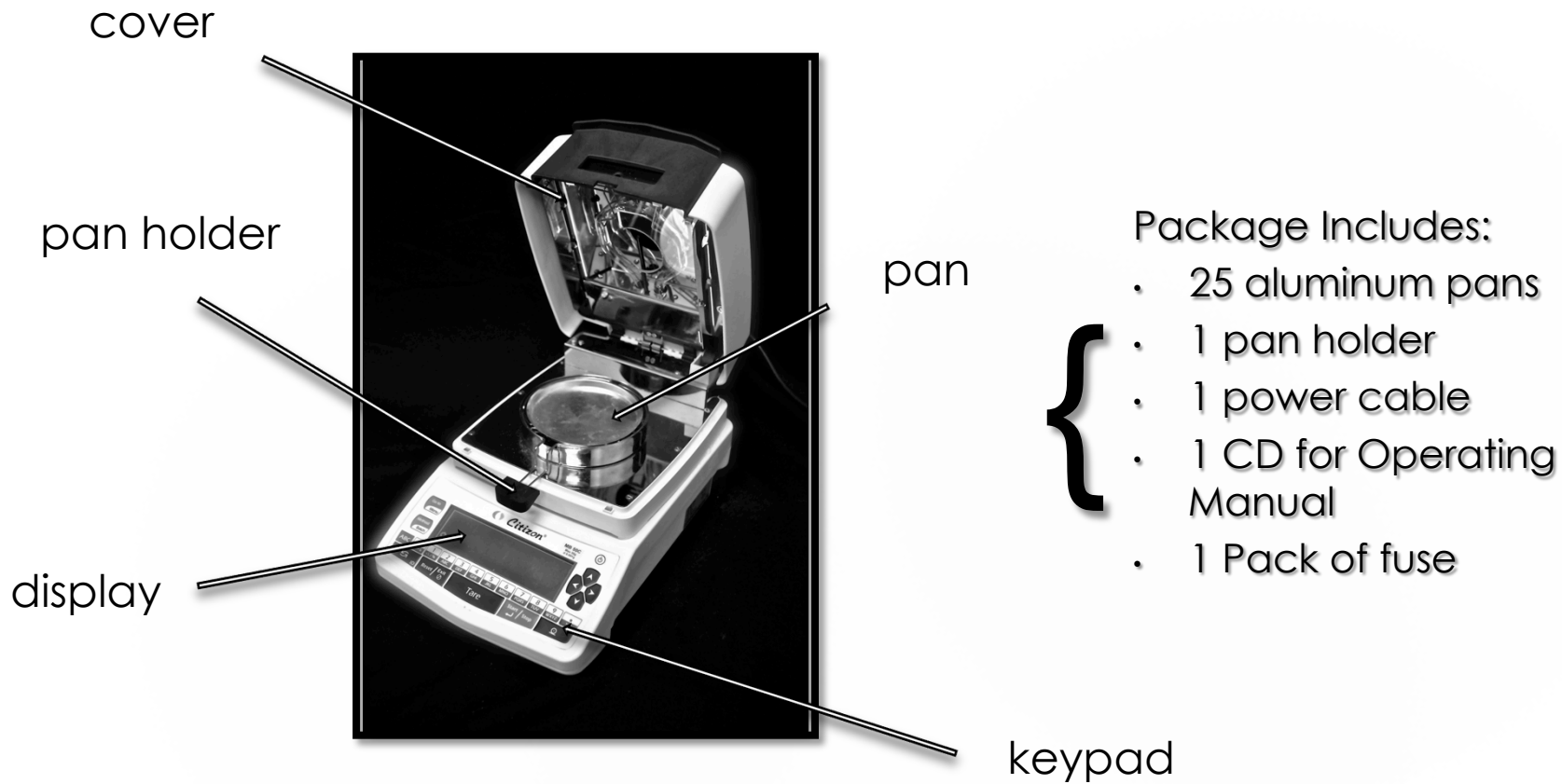# Praxis Moisture Balance

{ The User Guide

*This guide is intended for use <u>in addition</u> to the Operating Instructions included with your Praxis Moisture Balance. It is not meant to replace the manufacturer's instructions, nor does it provide comprehensive instructions for the use of the Praxis Moisture Balance, aka the "Citizen Moisture Analyzer".

cover

pan holder

pan

display

keypad

Package Includes:
- 25 aluminum pans
- 1 pan holder
- 1 power cable
- 1 CD for Operating Manual
- 1 Pack of fuse

The Basic Components

The Buttons

{ Explained

- Wakes up analyzer
- Puts analyzer in stand-by mode

On/Off Key

- Press once for "Go-to" mode
  - Set functionality in Settings => Soft key
- Press and hold for two seconds for "Menu"
  - Displays four sub-menu choices:
    - Method
    - Settings
    - Data
    - Calibrate

Go-to/Menu Key

- Press once for "Method" function
  - Displays method list
- Press and hold for two seconds for "Batch" function
  - Displays batch list
  - **Note:** data storage mode must be set to "Batchwise" to use this function

Method/Batch Key

- Activates letter/ symbol mode or number mode
  - Keypad (highlighted in yellow) displays the text that the button will create in each mode
    - Black background is the letter/symbol mode
    - White background is the number mode

ABC Key

- **Shown:** Keypad is in letter/symbol mode
- Pressing the ABC Key at this point would switch the keypad to number mode

Light background with dark letters indicates the active setting
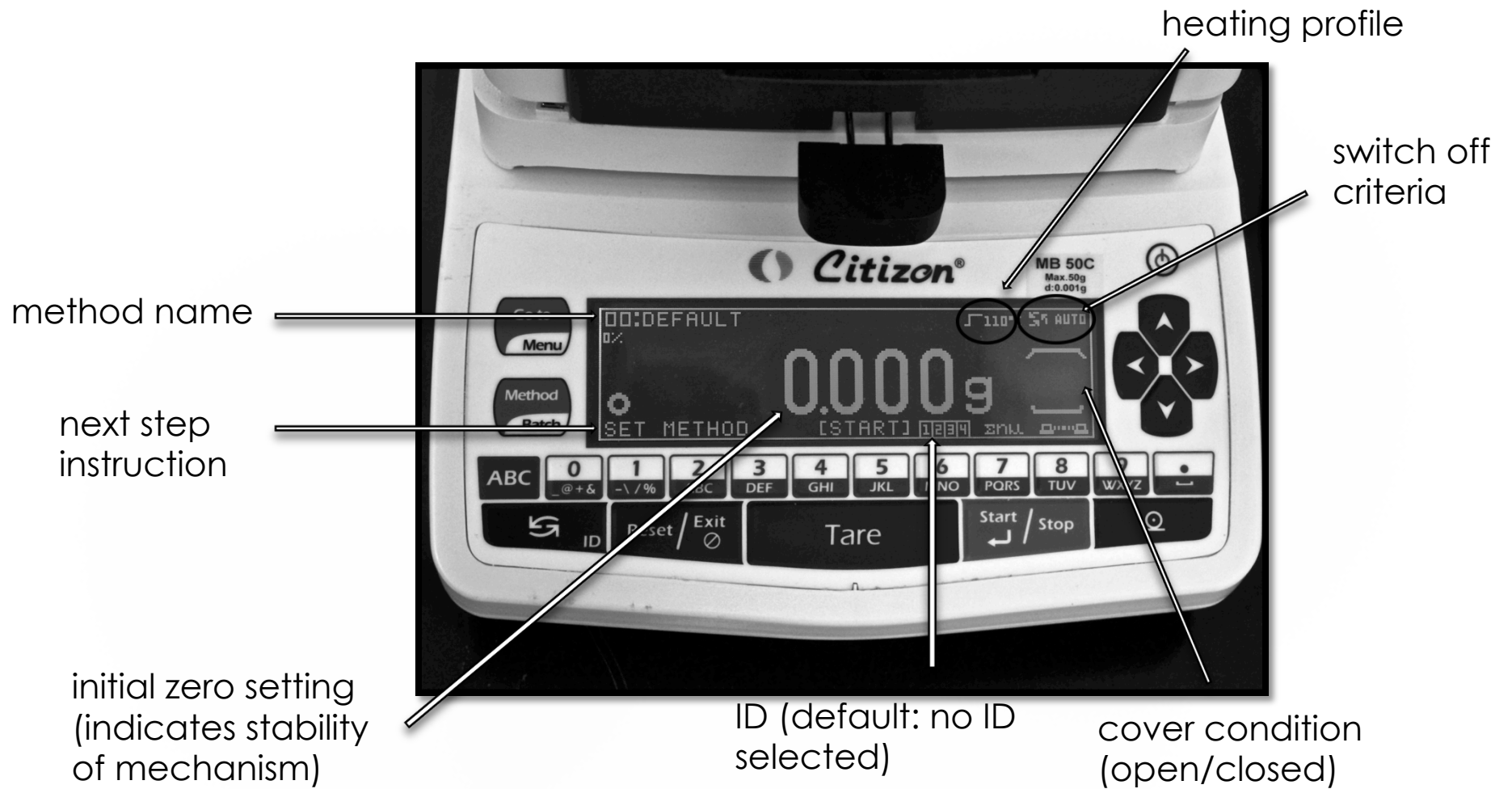
ABC Key

- In Pre-Analysis mode, press once to tare the weight of the pan

- Also used as the Backspace or Delete Key when typing with the keypad

Tare Key

- Press to Start/Stop a test
- Also used as the Enter Key when typing with the keypad
- Press to select choices when changing the settings for your tests

Start/Stop Key

heating profile

switch off criteria

method name

next step instruction

initial zero setting (indicates stability of mechanism)

ID (default: no ID selected)

cover condition (open/closed)

Shown: closed
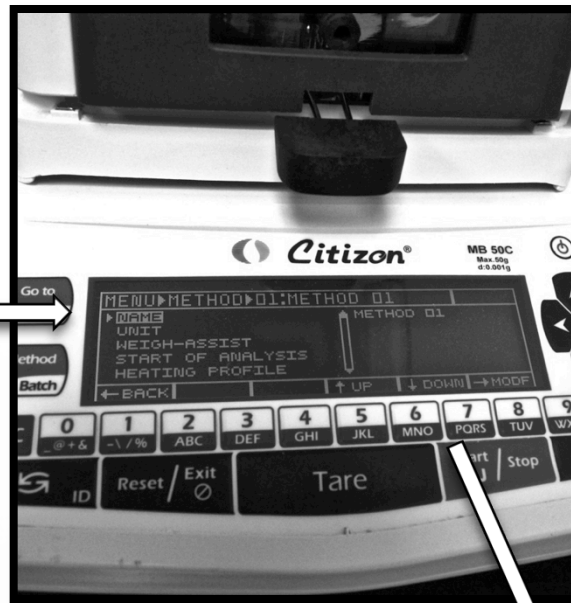
Initial Screen Display

- Press once to print results (must be connected to a printer via USB)

Print Key

Running a Test

{ Step-by-Step

- Press "Menu"
- Choose "Methods"
- Select "Method 01" (or whichever number you wish to name)
- Select "Name"
- Delete the default method name by pressing "Tare" until the space is clear. Then, type in your choice of name using the keypad.
- Hit "Start/Stop" to save the name, then press the left arrow button to go back to set any other variables

Step 1: Set the Method Name

weigh-assist
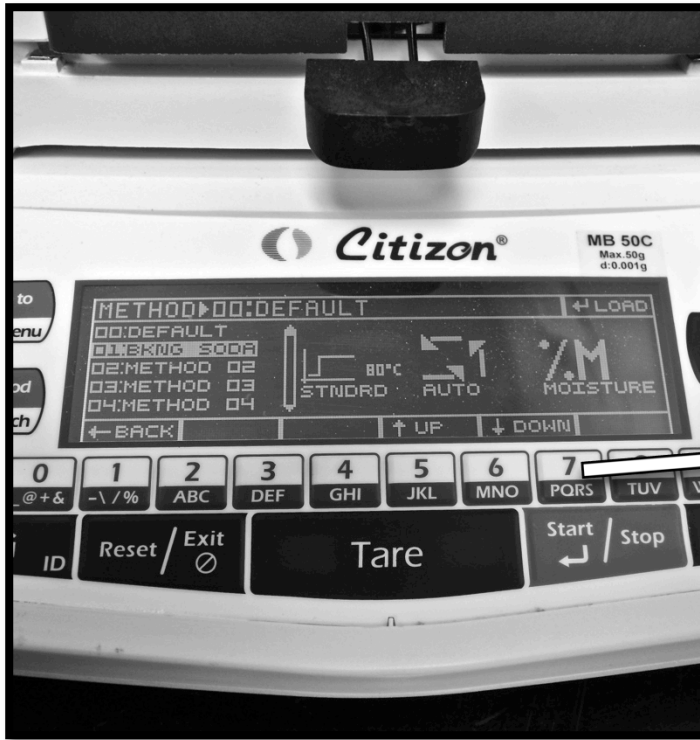
- Set Target Weight
- Set Tolerance

heating profile

- Standard
- Gentle
- Rapid
- Steps (multiple temperature settings during testing)

standby heating

- On/Off

Set Other Variables

Press "Method". Then, use the arrow keys to move to your selection

Press "Start/Stop" to choose your selection. The new method will appear in the top left corner of the display screen

Step 2: Choose the Method

Make sure to tare the empty pan weight before loading sample

Distribute the sample evenly on the pan

Step 3: Prepare the Sample

{ Close the cover and press "Start/Stop".

Step 4: Start the Test

Testing Complete!

Ethernet | USB | RS - 232 | Cal Switch | Foot | PS/2

{ Use a USB cable to connect the Praxis to a printer

Step 5: Printing (part 1)

Press the "Print" button (circled) to print results

Step 5: Printing (part 2)

Correct

Incorrect

After running the sample test, open the cover using the top lip (shown on left). Do not open using the pan holder.

Helpful Hint