

Digital Durometer



OPERATING INSTRUCTIONS

INSTALLING BATTERIES

- Use a narrow screwdriver and gently pry under the tab on the left side of the bezel and slide out the battery tray.

- Insert two batteries, + side up, and slide the battery tray back into the bezel.

NOTE! It is highly recommended that the batteries be removed from the durometer if it will not be used or will be powered by the AC adapter. This is to prevent damage to the durometer from battery leakage or corrosion.

AC ADAPTER

A 9V AC adapter can also be used to power the durometer for continuous operation. These adapters provide 9V DC +/- 10% to the durometer with current limited to 30ma. Connecting the AC adapter disconnects the internal batteries (if installed).

NOTE! Do not attempt to attach the AC adapter when the durometer is already on, this could result in erroneous readings or an error condition.

ON/OFF

To Turn Indicator On: Press **ON/cir**

To Turn Indicator Off: Press **OFF/mode**

DUROMETER OPERATION

To operate the durometer, press the foot of the gauge firmly against the specimen, but not so firmly as to imbed the foot into the surface. This will yield the durometer reading. If during use the display freezes on a number, simply remove the dust cap on top of the indicator and depress the screw with a pen or pencil, then press **ON/cir**. This resets the durometer - no further calibration is necessary

CLEAR

To Clear Display to Zero: Press **ON/cir**

AUTO OFF

To Turn Auto OFF Function On or Off:

- Press **2ND** (Appears on the top of display)

- Press **OFF/mode**

NOTE! An hourglass will appear on the left side of display when **Auto Off** feature is active.

HOLD

To Activate Hold: Press and release **HOLD**

To Turn Hold On/Off: Press and release **HOLD**

TOLERANCING (High / Low Limits)

To Set Tolerance Numbers:

- Press and hold **TOL** until **HIGH** is flashing
 - Press **2ND**
 - Press **TOL**
 - Press **CHANGE**
 - Press **MOVE** until the +/- sign or **digit** to be set is blinking.
 - Press **CHANGE** to reverse the +/- sign or increment the blinking digit.
 - Repeat MOVE and CHANGE until desired # is entered
(press ON/clr to clear).
 - Press **Apply** to save
- After step is completed, **LOW** will automatically start flashing.
- Repeat above steps to set low tolerance

To Turn Tolerances On/Off: Press **TOL**

NOTE! "TOL" will show on display when no tolerances have been set.

TOTAL RESET

To Clear All Settings and Return To Factory Set Defaults:

- Press **2ND** Appears on top of display
- Press **ON/clr**
- Press **IN/MM**

NOTE! Total reset cannot be accomplished if lock feature is on.

FEATURE LOCK

To Turn Feature Lock Feature On/Off:

- Press **2ND** Appears on top of display
- Press **ON/clr**
- Press **TOL**

NOTE! A key will appear on the bottom left side of display when features are locked.

POWER

The durometer uses two internal batteries or an external AC adapter.