OPERATING INSTRUCTIONS
Model RX-DD Digital Durometer

ON/OFF
To Turn Gauge On:
- *Press* **ON/CLR** and *release* when **CLR** appears.

To Turn Gauge Off:
- *Press and release* **OFF/MODE**.

AUTO OFF
To Activate/Deactivate Auto Off:
- *Press and hold* **MOVE 2ND** until **2ND** appears on bottom of display and then release.
- *Press and release* **OFF/MODE** within 3 seconds.

NOTE! An hour glass will appear on left side of display if **Auto Off** feature is active

HOLD
To Activate/Deactivate Hold:
- *Press and release* **HOLD** until **MAX** appears in the top of the display.

Press and hold **HOLD** until **MAX** disappears.

TOLERANCING
To Set Tolerance Numbers:
- *Press and hold* **TOL** until cursor moves under **HIGH** then:
1. *Press and release* **CHNG** and **MOVE 2ND** simultaneously.

NOTE! **SET** appears on bottom of display.
2. *Press and release* **MOVE 2ND** until the digit to be set is blinking.
3. *Press and release* **CHNG** to increment the blinking digit.
4. *Repeat steps 2 and 3 until desired number is entered.*
5. *Press and release* **CHNG** and **MOVE 2ND** simultaneously

TOLERANCING
NOTE! After step 5 is complete, the cursor will automatically move to **LOW**. Repeat steps 1 through 5 to set the low tolerances.

To Activate/Deactivate Tolerances:
- *Press and release* **TOL**.

NOTE! When the tolerance feature is on, any reading out of tolerance will result in a flashing display.

CLEAR
To Clear Display To Zero:
- *Press and release* **ON/CLR.**

TOTAL RESET
To Clear All Settings And Return To Factory Set Defaults:
- *Press and hold* **MOVE 2ND** until **2ND** appears on bottom of display and then release.
- *Press and release* **ON/CLR** within 3 seconds.
- *Press and release* **CHNG** within 3 seconds.

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

FEATURE LOCK
To Activate/Deactivate Lock Feature:
- *Press and hold* **MOVE 2ND** until **2ND** appears on bottom of display and then release.
- *Press and release* **ON/CLR** within 3 seconds.
- *Press and release* **TOL** within 3 seconds.

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

GAUGE OPERATION
To operate the gauge, 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 maximum durometer reading. If, during use, the display "freezes" on a number, simply remove the dust cover on top of the gauge and depress the screw with a pen or pencil, then press
ON/CLR. This resets the gauge – no further calibration is necessary.

POWER
Rex digital durometers use two (2) internal batteries (batteries can be reordered from Rex) or an external AC adapter.

To Install Batteries:
- *Using a narrow screwdriver, gently pry under the tab on the left side of the plastic bezel and slide the battery tray as you turn the gauge face down.*
- *Insert two batteries, "+" side up, into tray cavities, then slide the tray into its bezel slot, taking care that the batteries stay in proper position.*
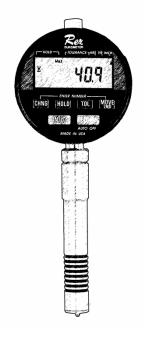
NOTE! It is highly recommended that the batteries be removed from the gauge if it will not be used, or will be powered by the adapter for an extended period of time. This is to prevent damage to the gauge from battery leakage or corrosion.

AC Adapter:
- *A 9V AC adapter can also be used to power the gauge for continuos operation. These adapters provide 9V DC $\pm$ 10% to the gauge, 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 gauge is already on, this could result in erroneous readings on an error condition.

OPERATING MANUAL
MODEL RX-DD
DIGITAL DUROMETER