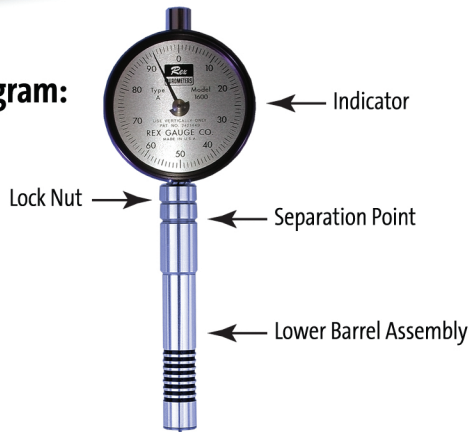


# Rex<sup>®</sup> DUROMETERS

## MODEL MS-1 Multi-Scale Durometer

### MS-1 Digram:



### Removing/Attaching Lower Barrel:

#### To Remove:

- Turn Counter-Clockwise

#### To Attach:

- Turn Clockwise

*Note: Remove and attach lower barrel assembly by hand only. Do not disassemble gauge at any other connection other than the separation point.*

### Checking Calibration:

For Types A, B, O, and OO:

- Press durometer firmly on a hard flat surface, you should obtain a reading of  $100 \pm \frac{1}{2}$  point.

For Types C, D, and DO:

- Use the included test block, you should obtain the given reading  $\pm 2$  points.

### Gauge Operation:

To use the gauge, press down and hold in a near vertical position until entire presser foot is in contact with the specimen. As noted in the ASTM D 2240: "After the presser foot is in contact with the specimen, the indicated reading shall be recorded within  $1s \pm 0.1s$ , or after any period of time agreed upon among laboratories or between supplier and user." The indicated reading may change with time. Readings are in Durometer points. For example a properly recorded durometer reading should read A/50/1, where A is the durometer type, 50 is the reading, and 1 is the time in seconds that the presser foot was in contact with the specimen. **NOTE!** The presser foot size has been found to influence durometer readings. When recording a durometer reading, it is recommended to also record the presser foot size.

### Important:

The indicator can only be used with the included barrel adapters (with matching serial numbers). Barrel adapters with different serial numbers will not give proper readings.

If you have any questions or comments regarding the use of this or any Rex product, please call toll free at 1-800-927-3982.



## REX GAUGE COMPANY, INC.

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