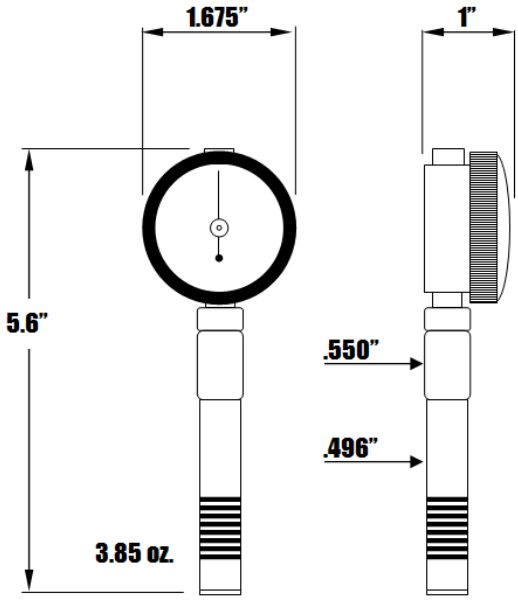
RX-1000 Mini-Dial Durometer

The RX-1000 Mini-Dial Durometer is both compact and easy to use. Its small dial face and included leather clip-on carrying case make it easy for an inspector to carry the gauge- for work around the shop, or out in the field. The RX-1000 durometer holds the maximum reading until reset by pressing the button at the top of the gauge. The max-hold feature and small dial size make the RX-1000 a good choice for hard to reach places, or for out of sight testing.



Features

- Small face (1.675" Diameter)
- Increments of 1 from 0-100
- Furnished with a leather carrying case
- Easily fits into your pocket or clipped on belt
- One year warranty
- Conforms to ASTM D-2240 and NIST Traceable

Office: Jl. Radin Inten II No. 62 Duren Sawit, Jakarta 13440 - Indonesia
Workshop: Jl. Pahlawan Revolusi No. 22B, Jakarta 13430 - Indonesia
Phone: 021-8690 6777 (Hunting)
Mobile: +62 816 1740 8925
Fax: 021-8690 6771

RX-2100Tire Durometer Hardness Meter

Tire hardness can be a critical factor in setting up a race car. A tire that's too hard may sacrifice traction, while a tire that's too soft may give great traction but wear too quickly, and an unmatched set of tires may result in an ill handling car. To properly set up a car, a measure of tire hardness is necessary, and the easiest and most cost-effective way to obtain such a measure is to use a durometer.

The Type A durometer as specified by ASTM D-2240 is the gauge used by tire manufacturers to measure hardness of tire rubber. The gauge gives readings of hardness in durometer points on a scale of 0-100, with 100 being the hardest reading. Some race tires come from the factory with the durometer hardness noted on the side wall, but factors such as ambient temperature, track temperature, usage, and age of the tire can change the actual hardness of the tire from the factory hardness.

The RX-2100 Tire Durometer allows racers to quickly and accurately make checks of tire hardness. Unlike other "racing durometers" (which are just relative hardness gauges), the RX-2100 is calibrated to the ASTM D-2240 standard for durometer hardness and is NIST-Traceable. Thus, the RX-2100 allows comparison with the factory tire specifications.

The RX-2100 is a handheld gauge weighing only 4.2 oz. The indicator case, bezel, and barrel are all billet machined aluminum. The gauge is furnished with a carrying case and a one year warranty.

Features

- Gives readings of hardness in durometer points on a scale of 0-100
- Calibrated to the ASTM D-2240 standard for durometer hardness and is traceable to N.I.S.T
- Made of billet machined aluminum
- Quickly and accurately make checks of tire hardness

HPSAOShore Durometer

Durometer according ISO 7619-1 for determining the Shore surface hardness of foams, steering wheels and inner linings of motor vehicles with hardness < 20 Shore A

Features

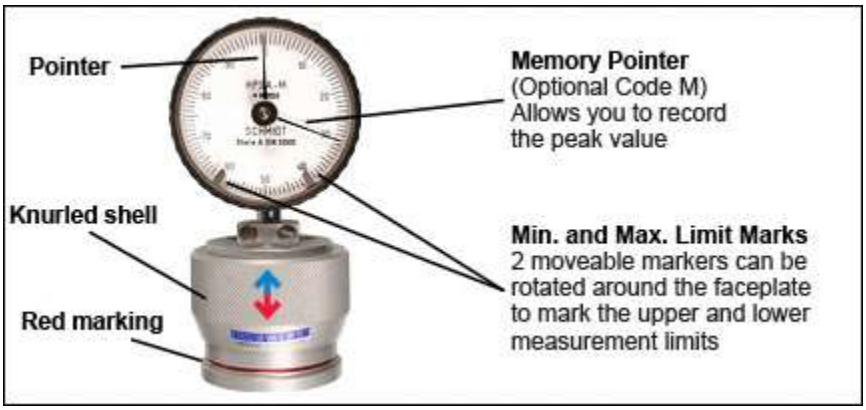
- The spring loaded outer ring assures a constant measuring pressure and eliminates false readings due to difference between operators
- Working face 44.5 mm ⌀
- Application range < 20 Shore A units
- Flat bottom prevent tilting and improves the measuring accuracy
- Adjustable Min./Max. indicator marks to highlight working range of the hardness tester
- High repeatability

Operation

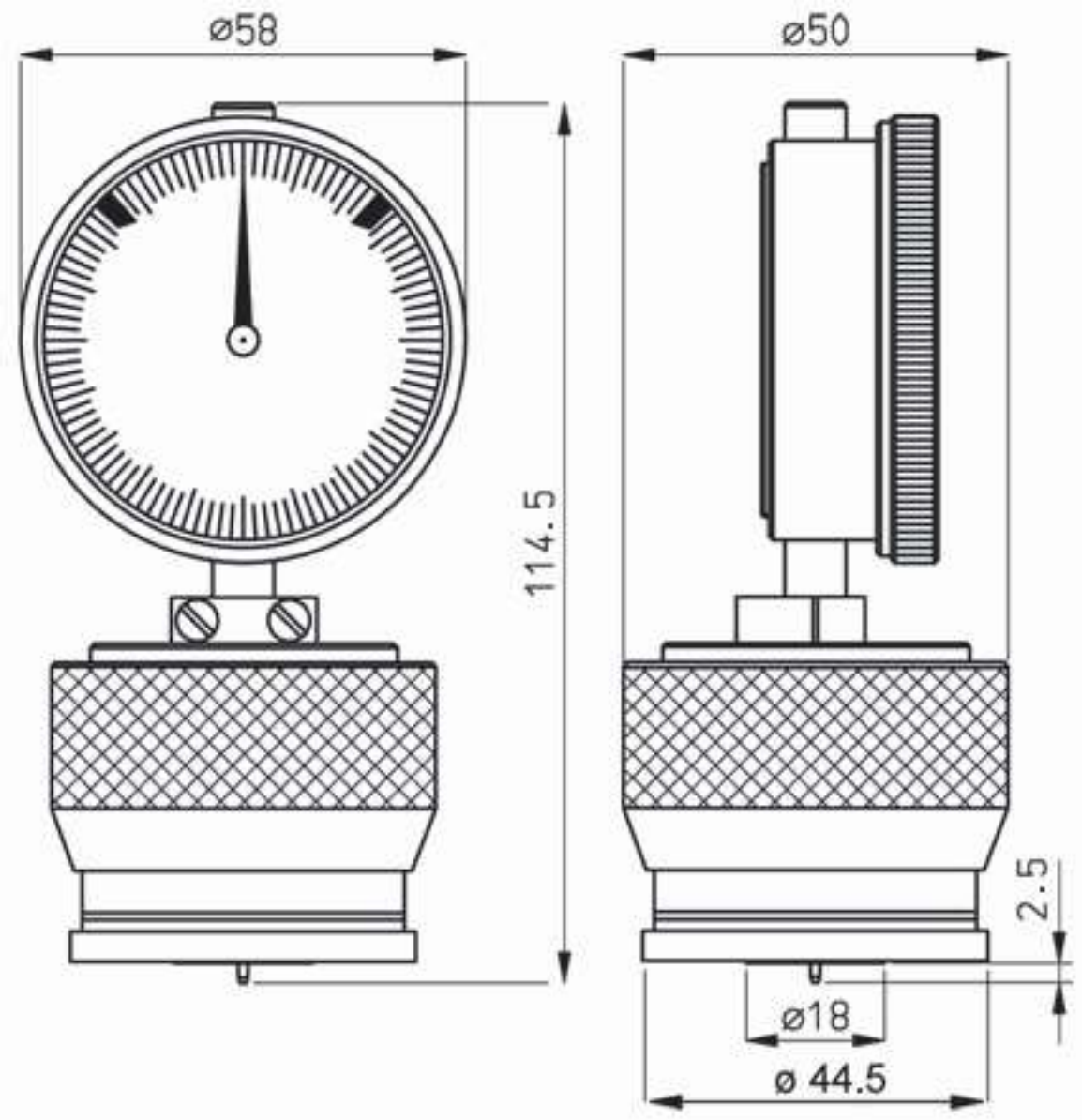
For measuring the hardness, the spring-loaded outer ring of the housing is pressed downwards until the edge of the ring meets the colored marking on the housing. This ensures a constant pressure and prevents measuring errors.

General:

The principle used to measure shore hardness is based on measuring the resistance force of the penetration of a pin into the test material under a known spring load. The amount of penetration is converted to hardness reading on a scale with 100 shore units.
As the depth of indentation is max. 2.5 mm the test material has to have a minimum thickness of 6 mm. If thickness is less stack some samples til you reach the required thickness.



Dimensions



RX-2000Max-Hand Durometer

The RX-2000 durometer is the latest innovation for the testing of specimens with creep. The RX-2000 has a second needle which holds the highest measurement. This helps the operator observe the creep characteristics of a specimen. To reset the peak indicator the user simply rotates the reset knob on the front of the gauge to clear the previous reading. The simplicity of the reset mechanism ensures a lifetime of use, and makes the RX-2000 the most affordable durometer for testing specimens with creep.

Features

- **Includes NIST-Traceable Calibration Certificate**
- **Custom Made Carrying Case**
- **Reads Maximum and Creep**
- **One Year Warranty**
- **Conforms to ASTM D-2240**
- **Holds Reading Until Reset**
- **Cost Effective, Hand Operated**

Office: Jl. Radin Inten II No. 62 Duren Sawit, Jakarta 13440 - Indonesia
Workshop: Jl. Pahlawan Revolusi No. 22B, Jakarta 13430 - Indonesia
Phone: 021-8690 6777 (Hunting)
Mobile: +62 816 1740 8925
Fax: 021-8690 6771