

**Starrett®**

Technical Support:  
(201) 962-8352

# Digital Shore "A" Durometer

*Model No. 3805B*



[www.starrett.com](http://www.starrett.com)



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## Applications:

**Rubber:** Soft vulcanized (ie tire), natural nitrile

**Elastomeric materials (rubber & rubber like):** GR-S, GR-1, neoprene, thiokol, flexible polyacrylic esters neoprene, thiokol, flexible polyacrylic esters.

**Other:** Wax, felt, leather etc. (materials that normally yield under fingernail pressure, such as the heel on your shoe).

## Operation:

Press the On/Off button to power the unit on.

The hardness value displayed should read "000" HA(HD). If any other value is displayed, press the Zero button to clear. To check accuracy, manually place the indenter of the gage on a calibration block. Slowly press the gage down until the foot of the gage is flat on the surface for 1 second. At that time, the reading should be within +/- 2Ha points of the actual value.

### Hold Feature:

Follow above procedure and press the H button when taking a test. This will hold that value until you press H again to return to zero.

### Features:

- Measuring range: 0-100HSA
- Deviation: <1%H
- Resolution: 0.5H
- Digital read out
- Auto Hold feature
- Accurate and repetitive deviation = 20~90HSA  
HSA<+/-1grade
- Uses 1-SR44 Button Cell Battery
- Custom carry case