

## 3805 ELECTRONIC DUROMETER

# Starrett®

## METROLOGY SOLUTIONS

The 3805 Durometers are designed to test the hardness of rubbers and plastics. These sleek hand held hardness testers are crafted and engineered to perform at the highest level of accuracy. An ergonomic, lightweight design assists in taking precise and consistent hardness measurements.

Shore A scale is for testing the following materials:

Rubber: Soft vulcanized (ie tire), natural, nitrile Elastomeric materials (rubber & rubber like): GR-S, GR-1, neoprene, thicokol, flexible polyacrylic esters.

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

Shore D scale is for testing the following materials:

Rubber: Hard

Plastics: Harder grades such as rigid thermoplastics, plexiglass, thermoplystrene, vinyl sheet, cellulose acetate, thermosetting, laminates (ie formica)

Other: Printing rolls, densified wood, etc. (materials that would not normally indent under fingernail pressure, such as a pocket comb or bowling ball).

### FEATURES AND SPECIFICATIONS (3805B & 3805D)

- Measuring range: 0-100
- Deviation: <1% $H$
- Resolution: 0.5 $H$
- Digital read out
- Auto Hold feature
- Accurate and repetitive deviation = 20-90HSA HSA<math>\pm</math>-Tgrade
- Uses 1-SR44 Button Cell Battery
- Storage case

#### 3805 Electronic Durometer

| Description  | Cat. No. | EDP   |
|--|----------|-------|
| 3805B Shore A Scale Electronic Durometer in plastic case | 3805B    | 66682 |
| Shore A 3 Rubber Test Block Certified Set                | SFB-3    | 66200 |
| 3805D Shore D Scale Electronic Durometer in plastic case | 3805D    | 02059 |

