





The Starrett 3811A is a state of the art, digital portable hardness tester, designed to test the hardness of large, hard metal parts.

The 3811A combines fast test speeds with ample memory and output. It performs tests that easily convert to most popular hardness scales such as Rockwell, Brinell, Vickers and Shore.

This compact hardness tester is loaded with useful functions usually found only on high priced models.



- Leeb style tester designed for large, hard parts load the impact body and place the impact device on your test piece
- Easy to use keypad operation push the button to begin testing and obtain reading
- Auto identification of impact device
- · Large LCD display with back light
- USB ouput
- Automatic conversions to Rockwell, Brinell, Vickers and Shore
- Automatic mean value as well as Min & Max values
- Uses two AA alkaline batteries with low power indicator
- · Memory capacity (100 groups)
- Optional impact devices and special support rings



Specifications

Accuracy: +/- 0.5% (referred to L=800)

Repeatability accuracy: +/- 4L units (L=Leeb)

Measuring range: 200-960 HL

 For steel & cast steel, alloy tool steel, stainless steel, grey cast iron, spheroidal iron, cast aluminum, brass, bronze, wrought copper alloy

Tool steel should be about 1" thick solid material or larger

Operating temperature: 5-104° F

• Dimensions: 5.96 x 2.938 x 1.270" (150 x 74 x 32mm)

• Weight: 8.6 oz. (245 grams)

| 3811A Hardness Tester & Accessories | | |
|-------------------------------------|-------|---|
| Cat. No. | EDP | Description |
| 3811A | 69881 | Digital portable hardness tester with impact device D, calibrated test block, cleaning brush and carry case |
| HT-1800-110 | 20940 | D+15 Impact Device |
| HT-1800-115 | 20941 | DL Impact Device |
| HT-1800-125 | 20942 | G Impact Device |
| HT-1800-130 | 20943 | C Impact Device |
| HT-1800-120 | 20944 | DC Impact Device |
| HT-1800-100 | 20945 | Replacement D Impact Device |
| HT-1800-102 | 20946 | Replacement Cable For All Impact Devices |
| HT-2500-105 | 20947 | Replacement Impact Body |
| HT-1300-01 | 20948 | Leeb D Test Block |
| HT-1100G-01 | 20949 | Leeb G Test Block |
| S38R | 67285 | Support Ring Set |



Includes base instrument, impact device D, calibrated test block. custom carry case, cleaning brush and operation manual