

KASON L252C Pen Leeb Hardness Tester



PRODUCT FEATURES:

- The KASON-L252C is a compact, all-in-one hardness tester designed for accurate measurements on a wide range of metal materials. It features a C-type impact device with low impact force, making it ideal for assessing the hardness of surface-hardened layers and small or thin components. Advanced dual-coil technology ensures high measurement precision and consistency. The integrated orientation sensor in the probe automatically adjusts for different testing angles, providing reliable results regardless of direction. The tester supports five interchangeable hardness scales—Leeb (HL), Vickers (HV), Brinell (HB), Shore (HS), and Rockwell (HRC)—removing the need for manual conversions.

TECHNICAL PARAMETERS:

| Parameter | KASON L252C |
|---------------------------|---|
| Probe | Impact device C |
| Hardness Scales | HL, HV, HB, HS, HRC |
| Measurement Range | HLC: (170-960); HV(80-996); HB(80-683); HRC(20-69.5); HS(31.9-102.3); |
| Resolution | 1HL |
| Accuracy | ±12 HL, ±6 HL (typical) |
| Repeatability | 6HL (factory standard) |
| Display | 128 * 64 dot matrix OLED |
| Power Supply | Rechargeable lithium battery 3.7V@250mAh, full charge for over 5000 continuous measurements |
| Charging Port | USB(Type-C) |
| Size | 140*34*24 mm |
| Weight | 66g |
| Working Temperature Range | -10~50°C, 0~85%RH (no condensation) |
| Storage Temperature Range | -10~60°C, 0~85%RH (no condensation) |

STANDARD CONFIGURATION:

| | | | |
|----------------------|---|-----------------------------|---|
| Leeb Hardness Tester | 1 | User Manual | 1 |
| USB Data Cable | 1 | Calibration Report | 1 |
| Nylon Brush | 1 | Certificate / Warranty Card | 1 |
| Small support Ring | 1 | | |