MODEL FH-10









Universal Hardness Testing Machine



Model FH-10 Universal Hardness Tester with video indent measuring system

Features and benefits

- All hardness procedures according to global standards – Rockwell, Superficial Rockwell, Brinell, Vickers, and Knoop — also ball and indentation hardness testing for thermoplastics and the new Vickers depth (HVT) and Brinell depth (HBT) procedures.
- Superior range of testloads/force application ranging from 500g* to 250kg (1.1-551.2lbf).
- All procedures comply with EN/DIN/ISO, ASTM, and IIS
- Industrial touchscreen, embedded high performance controller and two solid state HD drives.
- Automatic video indent measurement and magnification function.
- Bright LED illumination (ringlight optional).
- Connectivity: USB, RS232,UTP-R45-LAN, WLAN.
- Horizon advanced hardness testing software, includes file storage, test program storage, machine settings storage, etc.
- Includes workpiece clamping attachment.
- High precision spindle.



Model FH-10 firmware

MODEL DETAILS

• FH-010-0000 500gf-250kgf Universal Hardness Tester

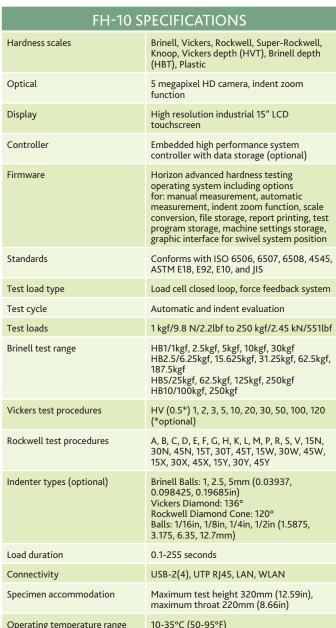












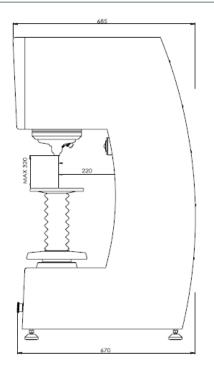


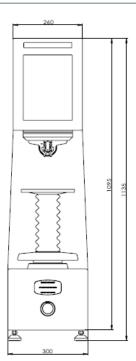


Test blocks



Available indenters





Model FH-10 - all measurements are in mm

STANDARD FFATURES

- 6.3x objective (95x magnification)
- 10x objective (150x magnification)
- Clamping protection nose
- Testing table ø8omm (3.15in)
- Power cable
- Installation and user manual
- Certificate

OPTIONAL ACCESSORIES

- Certified indenters
- Certified hardness test blocks
- optional objectives
- Testing table ø150mm (5.9in)
- Testing table ø235mm (9.25in)
- V-anvil ø180mm (7.1in)
- V-anvil ø120mm (4.72in)
- Other testing tables and XY-stages
- Precision vises, V-blocks and special clamps
- Software solutions for advanced application
- Precision vises for small parts
- Manual XY stage
- Motorised XY stage (250kg load capacity)
- 450 x 350mm large testing table with T slots