



BENCH HARDNESS TESTERS

Enhanced version of the AT130 model with advanced electronics and the most up-to-date communication systems.

A real innovation in the Rockwell tester testing field, with thousands of units sold throughout the world from the early 70's, due to its fast test cycle and the ability to test bulky items with the unique clamping system for overhanging pieces and the absolute insensibility to bending and deflection.

TECHNICAL DATA

In this section you can find the technical data; for every further information, please feel free to contact us: we will help you find the ideal solution for your needs.

WORKING PRINCIPLE

- MOD DR: Rockwell
- MOD DSR: Superficial Rockwell

PRELOAD

- MOD DR: 10kgf (98.1N)
- MOD DSR: 3kgf

LANGUAGES

Any language (max 9)

LOAD APPLICATION METHOD

- Manual

MINIMUM MEASURABLE DIAMETER

- 4mm (penetrator 048 + group 022)

STORAGE

- 400 files with 2500 memorizable values for every file



BENCH HARDNESS TESTERS

AT250

POWER SUPPLY

- Autosetting from 100VAC - 240VAC

WORKING AREA DIMENSIONS

- STAND TX: Max. measurable height: 240mm [400mm without elevating screw] depth: 225mm
- STAND NX: Max. measurable height: 210mm / depth: 240mm

WEIGHT

- AT250NX 95kg
- AT250TX 125kg
- AT250CAR 165kg
- AT250MUR 115kg

LOADS

- MOD DR: 60kgf, 62.5kgf, 100kgf, 125kgf, 150kgf, 187,5kgf [N 588, 613, 981, 1226, 1471, 1839]
- MOD DSR: 10kgf, 15kgf, 15.6kgf, 30kgf, 31.2kgf, 45kgf [N 98, 147, 153, 294, 306, 441]

LOAD TIME

- Selectable

STANDARD SCALES

- MOD DR: HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, Brinell HB30 plus other scales on request
- MOD DSR: HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X plus other scales on request

READING

- On touchscreen colour display 800 x 480 pixel 150 X 90 mm.

SELECTABLE FUNCTIONS

- Scale selection - load time - min. depth - mm/inch - rounds correction
- calibration - language - date/time - tollerances
- penetrator time - file - measure history
- prints - stats - icons - conversions
- sequence - password

OUTPUT INTERFACES

- USB Printer - export on USB Key
- OPTIONAL:
RS232 - RS485 - Profibus - Ethernet MOD
BUS-TCP
Bluetooth

WORKING CONDITIONS

- 0°C-50°C

DIMENSIONS

- AT250NX 30cm x 60cm x h73cm
- AT250TX 30cm x 60cm x h95cm
- AT250CAR 95cm x 33cm x h133cm
- AT250MUR 30cm x 70cm x h110cm

NORMS AND CERTIFICATIONS

- Rockwell - ASTM E-18 - ISO6508