

AT130 D SEMI-AUTOMATIC HARDNESS TESTER

AT 130 D

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- AT 130 D is semi-automatic
- AT130 D is available in both normal and Super-Rockwell version and with 4 different stand variants
- operates according to the Rockwell principle in compliance with UNI, ISO, DIN, ASTM regulations
- the tests are carried out in a simple and precise way, regardless of the type of material and in compliance with the regulations governing hardness testing
- test speed is a feature of the instrument: it provides results in 4 seconds
- thanks to the spring loading system it is very resistant and suitable for harsh environments in terms of humidity, temperature, dust and vibrations
- it is not influenced by sagging or bending of the test piece
- automatically applies the preload during the measurement, reducing time and possibility of error

ERNST TECHNOLOGY BENCH HARDNESS TESTERS



Not all Rockwell hardness testers are created in the same way. Cisam-Ernst manufactures Rockwell hardness testers with a spring loaded system to ensure strong, precise instruments, able to offer a very high level of precision even in the harshest environments (in extreme temperatures, dust, humidity and vibration).

The constant commitment of Cisam-Ernst to guarantee the precision, reliability and robustness of the instruments translates into a high resistance to use and time.

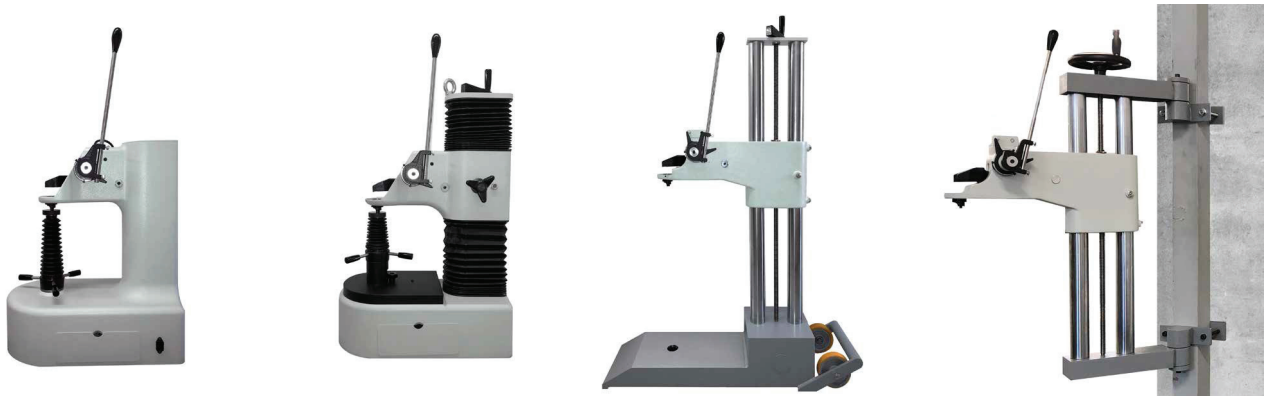
AT130 D SEMI-AUTOMATIC HARDNESS TESTER

DIFFERENT SOLUTIONS FOR EVERY TEST REQUIREMENT
TWO TEST HEADS AVAILABLE WITH DIFFERENT TESTING FORCES

| MODEL | AT 130 DR ROCKWELL | | AT 130 DR SUPERFICIAL ROCKWELL | |
|----------------|---------------------------------|---|-----------------------------------|---|
| Test force | Rockwell | 60 kgf (N 588.40) 100 kgf (N 980.70) 150 kgf (N 1471) | Rockwell | 15 kgf (N 147) 30 kgf (N 294) 45 kgf (N 441) |
| | Brinell | 62.5 kgf (N 612.90) 125 kgf (N 1226) 187.5 kgf (N 1839) | Brinell | 10 kgf (N 98) 15.6 kgf (N 153) 31.2 kgf (N 306) |
| Hardness scale | Rockwell: C - A - B - D - F - G | | Rockwell: HR15N - HR30N, | |
| | Brinell: HB/30 | | HR45N - HR15T, HR30T - HR45T | |

4 STANDS AVAILABLE

| MODEL | TX The most versatile | NX Conventional | CAR Mobile | MUR Wall-mounting |
|---------------------------|--------------------------|--------------------|---------------|-------------------------------------|
| MAX. MEASURABLE HEIGHT | 400 mm | 210 mm | 990 mm | depending on installation height |
| DEPTH CAPACITY | 225 mm | 240 mm | 300 mm | 300 mm |



Each AT130 complete hardness tester (head + stand)
is delivered with the following accessories:

- Rockwell cone diamond indenter
- Rockwell 1/16" ball indenter
- Brinell 2.5 mm ball indenter *
- Rockwell test block
- Brinell test block*
- Flat anvil 60 mm \varnothing **
- Spot anvil 8 mm \varnothing **
- V-anvil for rounds 3-12 mm \varnothing **
- V-anvil for rounds 12-90 mm \varnothing **
- RS 232C output for computer/printer connection Vinyl
- protection cover
- After-sale warranty: 1 year from delivery date (warranty extension available)

*only with DR Rockwell test heads **not included with the type MUR stand



AT130 D SEMI-AUTOMATIC HARDNESS TESTER

AT A GLANCE:

| FEATURES | BENEFITS |
|----------------------------|--|
| Rockwell principle | Drastic reduction of test time: 2" |
| Spring loading system | Reliability -> insensitivity to deflection or bending of the piece during the test Test speed 5 times higher than load cell systems Compliance with international standards |
| 1 lever pull-down = 1 test | Increased productivity |
| Robustness | Most suitable for harsh environments |

