

## Q150 CS Rockwell hardness tester



### Application:

For standardised hardness testing according to Rockwell DIN EN ISO 6508, ASTM E-18, for plastic tests according to DIN EN ISO 2039, and for hardness tests that do not comply with HBT (Brinell) or HVT (Vickers) standards.

### Execution:

- Robust welded steel frame and sheet steel covers
- Capacitive 7-inch colour touchscreen display
- Qpix TE software with numerous features
- Test table height adjustment via zero-play spindle on roller bearings
- Flat table holder with 25 mm mounting diameter
- Built-in LED test room light
- Data output via USB interface

### Advantage:

- state-of-the-art user interface with results table and statistical bar chart
- Conversion according to DIN EN ISO 18265, DIN EN ISO 50150 and ASTM E140
- High-precision distance measurement system from HEIDENHAIN for highly accurate test results according to all Rockwell procedures and HBT/HVT
- Fully automatic test sequence with electronic load application and closed-loop control system

### Delivery:

150 CS Rockwell hardness tester incl. Rockwell indenter and plane table 100 mm



<b>Art. no.</b>	<b>42256 010</b>
<b>Brand</b>	QNESS
<b>Manufacturer Part Number</b>	QB0120101
<b>Model</b>	150 CS
<b>Min./max. test load range</b>	9.81-2452 N
<b>Min./max. test load range II</b>	1-250
<b>Test height</b>	250 mm
<b>Overhang</b>	157 mm
<b>Test table design</b>	Diameter 100 mm
<b>Max. workpiece weight</b>	100 kg
<b>Height adjustment</b>	Manual
<b>Cross table</b>	No
<b>Screen</b>	7-inch touchscreen
<b>Software</b>	Qpix TE
<b>Data transmission type</b>	USB 3.0
<b>Testing method</b>	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV, HR 15N, HR 15T, HR 15W, HR 15X, HR 15Y, HR 30N, HR 30T, HR 30W, HR 30X, HR 30Y, HR 45T, HR 45W, HR 45X, HR 45Y, HBT (not according to standard), HVT (not according to standard)
<b>ISO</b>	6508-1, 2039-1
<b>ASTM</b>	ASTM E18
<b>Test force plastics testing</b>	49.03 N, 132.9 N, 357.9 N, 961 N
<b>Conversion of hardness values</b>	in accordance with DIN EN ISO 18265, in accordance with DIN EN ISO 50150, in accordance with ASTM E140
<b>Max. power drain</b>	60 W
<b>Nominal voltage</b>	230 V/DC
<b>Weight</b>	77 kg
<b>Gross Weight</b>	77.000 kg
<b>Product Group</b>	427