

True Blue II Rockwell Hardness Tester

CLOSED-LOOP | ALL SCALE
MEETS ASTM E18 AND ISO 6508 - MADE IN USA



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UNITED TESTING SYSTEMS


True Blue II Rockwell Hardness Tester

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Vertical Capacities:

- 10 in. (25.4 cm)
- 14 in. (35.6 cm)
- 18 in. (45.7cm)
- 24 in. (60.9 cm)

Throat Depth:

- 5.5" (14 cm)
- 9.5" (24 cm)

Rockwell Scales:

Regular Scales: A, B, C, D, E, F, G, H, K, L, M, P, R, S, V

Forces:

- 10 Kg
- 60 Kg
- 100 Kg
- 150 Kg

Superficial Scales:

- 15N, 30N, 45N
- 15T, 30T, 45T
- 15W, 30W, 45W
- 15X, 30X, 45X
- 15Y, 30Y, 45Y

Forces:

- 3 Kg
- 15 Kg
- 30 Kg
- 45 Kg

 Vertical Height

 Throat Depth

True Blue II Rockwell Hardness Tester

Standard Models & Accessories

Standard TB-II Models

Model #	Height	Depth
TB-II-H10-D5.5	10"	5.5"
TB-II-H10-D9.5	10"	9.5"
TB-II-H14-D5.5	14"	5.5"
TB-II-H14-D9.5	14"	9.5"
TB-II-H18-D5.5	18"	5.5"
TB-II-H18-D9.5	18"	9.5"
TB-II-H24-D.5	24"	5.5"
TB-II-H24-D.9.5	24"	9.5"

Standard Accessories (Sold Separately)

Ball Indenters



Hardness Anvils



Diamond Indenters



Hardness Test Blocks

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Additional Features

- 5 pre-set load dwell times including NIST and plastics
- Computer controlled application of forces via load cell (closed-loop)
- Display resolution of hardness values: points, tenths and hundredths
- RS-232 Serial, Parallel (Dot Matrix printer), & PS/2 keyboard connections
- Display statistics: Avg, Range, Min/Max, Std deviation and Number of tests
- 4×20 line VF display
- Automatic cylindrical part correction
- Scale to scale conversion
- Parts GOOD/NO GOOD w/ audio alert
- Connector for test activation by foot switch
- Bi-directional testing capability; manual, pre-load or via control panel
- Removable parts clamping device to secure parts for testing and to reduce operator influence
- Factory direct certification: Depth, force, hysteresis & dwell timing vs. force
- Factory indirect certification available. Requires customer indenter(s) and flat anvil (min size 1.5"). Five hardness scales at no extra charge
- CE approved
- 2-year factory warranty
- Operation manual, AC power cord (US version) and indenter install tool

