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METAL HARDNESS TESTING MADE EASY

ePortaRock Testers

The ePortaRock H and ePortaRock L provide the most accurate, reliable and efficient portable Rockwell testing in the market today! Reach tight and narrow test spots with either the ePortaRock L, with load capacity of 5 kgf, or the ePortaRock H, with a 100 kgf load capacity.



ACCURATE

- ◆ Results are not affected by mass, deformation, elasticity or deflection of the metal
- ◆ Results compare to a bench tester
- ◆ Repeatability of less than 1% error



VERSATILE

- ◆ Direct read out to Brinell, Rockwell and Vickers scales
- ◆ Minimum surface preparation needed
- ◆ Non-destructive tests can be performed in virtually any position; right side up, upside down, or even sideways.
- ◆ Easy to use, bluetooth test data transfer and sharing and non-blue-tooth model available
- ◆ Stores up to 1000 test results
- ◆ Optional software compatible with standard PC programs
- ◆ Images, bar codes, GPS localization and memos can be added to the measurement data
- ◆ Industry standard 6" Android tablet for read out, data management and sharing



ePortaRock L
5 kgf load capacity



ePortaRock H
100 kgf load capacity



ePortaRock Testers are manufactured by Ernst

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ePortaRock Testers



ePortaRock L



ePortaRock H

SPECIFICATIONS

Operation Method/ Principle	Rockwell type	
Certifications and Standards	ASTM E18 Indirect Method	
Functions	Scales, tolerances, calibration, statistics, display contrast, sequence, files, clock, sleep time, print	
Direct Readout Scales (Can be converted to any hardness scale)	HRB (0-120) HRC (0-70) HB30 (80-700) N/mm ² (260-2300) Kg/mm ² (27-235) HV (35-1080) DPTH (0-100)	HRC (10-70) 1HB30 (60-700) 2HB30 (100-500) N/mm ² (350-2050) Kg/mm ² (40-210) (Other scales upon request)
Preload	1.2 kgf	7 kgf
Loads	5 kgf	100 kgf
Load Application	Manual	
Minimum Measurable Diameter	Hand-held - 35 mm N stand - 2 mm T stand - 3 mm	25 mm without preparation 12 mm with preparation
Power	Rechargeable batteries (8 hours) Battery charger (100 VAC - 240 VAC - 50/60 Hz)	
Memory Storage	Store up to 1000 values in 8 different files	
Output / Interfaces	RS232, Micro USB	
Languages	English, Spanish French, German, Italian (Other languages upon request)	

KING Tester Corporation is the industry leader in the manufacturing and distribution of portable Brinell hardness testers and most recently Rockwell testers manufactured by Ernst.

For over 60 years, Ernst has researched, designed and provided innovative solutions for Rockwell Hardness Testing. All Ernst testers are CE marked, and certified according to the international standards EN, ISO, DIN and ASTM.

Ernst products are made in Europe.

For more information about our metal hardness testers,
CONTACT US TODAY AT 610.279.6010

