



AQUASTYL®
SLOVAKIA, s.r.o.

ANALOG HARDNESS TESTER
ROCKWELL RB - 1A/AQ



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ANALOG HARDNESS TESTER ROCKWELL RB – 1A/AQ

Motor driven hardness tester with hardness reading after the test directly on the depth gauge separately for the respective measurement methods. Hardness is read on the C scale when using a diamond penetration body and on the B scale when using a ball as a penetration body. The testing machine is intended for hardness testing of metal components using Rockwell - C, B, A methods (according to EN ISO 6508) at normal ambient temperature of $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$.

Rockwell Method

Unit	Impression ball	Load	Hardness range	Application
C HRC	Diamond cone 120°	1470 N	20 - 67 HRC	Measuring of hardened and high-quality steels
B HRBW	Ball ø 1/16"	980 N	30 - 100 HRBW	Measuring of steels with strength up to 800 N/mm ²
A HRA	Diamond cone 120°	580 N	60 - 90 HRA	Measuring of hardness of extra hard thin layers

Basic outfit

- 1 pcs impression ball ROCKWELL
- 1 pcs ball holder ROCKWELL-B
- 1 pcs balls with diameter 1/16"
- 1 pcs round table with diameter 95 mm
- 1 pcs prism table
- 1 pcs hardness testing plates for HRC scale
- 1 pcs hardness testing plate for HRBW scale
- 1 pcs hardness testing plate for HRA scale

Technical data

Set height (mm)	690
Base l x w (mm)	450 x 180
Max. height of measured component (mm)	130
Weight (kg)	80



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