

HR-200/300/400 SERIES 810 — Rockwell Hardness Testing Machines

- A series of economical Rockwell hardness testing machines. The lineup consists of 4 models including a digital display type and an analog display type.



HR-210MR



HR-430MS

SPECIFICATIONS

Model	HR-210MR*	HR-430MR	HR-320MS	HR-430MS
Display	Analog	Digital	Digital	Digital
Applicable standards	JIS B7726:2017, ISO 6508-2:2015	JIS B7726:2017, ISO 6508-2:2015, ASTM E18-20		
Testable hardness	Rockwell hardness			
	—	Rockwell Superficial hardness		
Preliminary test force N (kgf)	98.07 (10)	29.42 (3) 98.07 (10)		
Test force N (kgf)	Rockwell	588.4 (60) 980.7 (100)	1471 (150)	
	Superficial	—	147.1 (15) 294.2 (30) 441.3 (45)	
Power supply	AC100 to 240 V 50/60 Hz 1.8 A DC12 V-4.17 A			
External dimensions (excluding protrusions and stage)	214 (W)×512 (D)×780 (H) mm			
Mass	46 kg	50 kg	47 kg	50 kg

- * Only the **HR-430MR**, **HR-320MS** and **HR-430MS** models can be connected to the MeasurLink[®] measurement data network.
 Note 1: Plastic tests may not be supported depending on the plastic material.
 Note 2: Brinell hardness tests can be performed by using the weight set for Brinell test, Brinell indenter and measuring microscope. A measurement microscope should be prepared by customer.
 Note 3: No indenter and hardness standard block is supplied with the unit. These items (conform to the applicable standard) must be purchased separately.



Refer to the Hardness Testing Machines Brochure (E17001) for more details.