



HR-210MR main unit

Item number: 810-191-21

Images



Specification

Model:	HR-210MR
Functions:	To observe the hardness number within 0,2 HR of the scale unit, as required by ISO 6508-2, the displayed result is to be judged by the dial hand width within the step of the dial gage scale.
Applicable standards:	
Applicable standards Rockwell :	ISO 6508-2, JIS B7726
Applicable test methods:	
Applicable Rockwell scales :	HRA; HRD; HRC; HRFW; HRBW; HRGW; HRHW; HREW; HRKW; HRLW; HRMW; HRPW; HRRW; HRSW; HRVW
Applicable Brinell scales :	HBW2.5/62.5; HBW5/62.5; HBW 10/100; HBW 5/125; HBW 1/2,5; HBW 2.5/187.5 Brinell indentations only - non standard-accessories required
Machine Control:	
Control method :	Analogue dial gauge

Functions Dial gauge : Automatic presetting dial gauge for preliminary test force setting. To observe the hardness number within 0,2 HR of the scale unit, as required by ISO 6508-2, the displayed result is to be judged by the dial hand width within the step of the dial gage scale.

Resolution : 0,5 HR

Test force:

Preliminary test force : 98,07N/10kg

Test Force Range : 588- 1471N (60-150kgf)

Test force generation : Dead weight system

Test force switching : Manual

Duration time : 1-99s. 1 s. increments

Test cycle : Manual start after preliminary test force application

XYZ axis:

XY stage : stage for Jominy test 810-700 (optional)

Z-axis : manual elevation unit

Functional dimensions:

Stage/Anvil adaption : Ø19 mm

Max. specimen height : 180 mm

Throat depth : 165 mm

Maximum specimen weight : 20 kg

Workpiece clamping device : K543817 (optional)

Main unit data:

External dimensions WxDxH : 235x512x780 mm

Mass main unit : 45.6 kg

Operation temperature °C : 5-40

Relative humidity RH : 80% or lower without condensation

Vibration Frequency : 5Hz

Standard accessories:

Diamond indenter : not included

Reference material : not included

Flat anvil : 810-039 outside diameter Ø64mm

V-anvil : 810-040 groove width 30mm

Water level : 11AAB941

Inspection certificate : included

Power cord : not included
