



HR-530 mm/inch main unit ISO-JIS-ASTM

Item number: 810-233-33

Images



Specification

Applicable standards:

Applicable standards Rockwell : ISO 6508-2, ASTM E18, JIS B7726

Applicable standards Plastic materials : ISO 2039-2, ASTM D785 A, ASTM D785 B, JIS K7202-2

Applicable standards Brinell : ISO 6506-2, ASTM E10, JIS B7724

Applicable test methods:

Applicable Rockwell scales : HRA; HRD; HRC; HRFW; HRBW; HRGW; HRHW; HREW; HRKW; HRLW; HRMW; HRPW; HRRW; HRSW; HRVW; HR15N; HR30N; HR45N; HR15TW, HR30TW; HR45TW; HR15WW, HR30WW; HR45WW; HR15XW, HR30XW; HR45XW; HR15YW, HR30YW; HR45YW

Applicable Plastic test scales Rockwell : HRR; HRL; HRM; HRE; HRK

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 - accessories required

Applicable Brinell depth measurement scales : HBDW2,5/62,5; HBDW2,5/187,5

Machine Control:

Control method : 5,7" touch screen display control

Test Control : Start of test after indenter contact

Software functions Touch screen : 4 display formats (standard screen, list screen with average hardness, simplified screen, multi position test if stage connected), Turret control, test force control, calculation of Vickers, Knoop and Brinell hardness, KC fracture toughness, , GO/NG judgment, test set-up, test condition guide, curve and user correction, hardness conversion, statistics calculation

Language support : Japanese, English, German, French, Italian, Spanish, Korean, Simplified Chinese, Traditional Chinese, Turkish, Portuguese, Polish, Czech, Hungarian, Dutch, Russian

Resolution : 0,1 HR (settable)

Data output:

MeasurLink capability : yes

Data output : RS-232C, SPC Digimatic D-type connection, USB

Test force:

Preliminary test force : 29,42N/3kg and 98,07N/10kg

Preliminary test force switching : Software

Test Force Range : 29,42- 1839N (3-187,5kg)

Test force generation : Load cell

Test force switching : Software

Duration time : 1-120 1 s. increments

Test cycle : Automatic start after indenter contact

Test cycle control : Spindle magnet brake for contact limit

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 : 250 mm

Throat depth : 150 mm

Maximum specimen weight : 20 kg

Main unit data:

External dimensions WxDxH : 250x667x621 mm

Mass main unit :	61 kg
Power supply :	AC adapter 100 -240V, 50/60Hz Auto-selection
Power consumption W :	30
Operation temperature °C :	5-40
Relative humidity RH :	65% or lower without condensation
Vibration Frequency :	5Hz or lower

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
