



HR-620B main unit ISO-JIS-ASTM

Item number: 810-527-21

Images



Specification

Applicable standards:	
Applicable standards Rockwell :	ISO 6508-2, ASTM E18, JIS B7726
Applicable standards Plastic materials :	ISO-2039-1; 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 Plastic test scales Ball Indentation Test :	HB49N; HB132N; HB358N; HB961N

Applicable Vickers depth measurement scales :	HVD30; HVD50
Applicable Brinell scales :	Brinell indentations only - accessories required
Applicable Brinell depth measurement scales :	HBDW2,5/62,5; HBDW2,/187,5; HBDW5/250

Machine Control:

Control method :	5,7" touch screen display control or AVPAK software optional
Test Control :	Test execution at the touch of a button
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
Software functions AVPAK :	Stage control, Jominy Test, guide Function for single test/pattern test, curved surface compensation, hardness conversion, part programming, coordinate alignment, pattern creation and application, report creation, external data output, StatusMonitor compatibility, automation capability (FORMEIO interface software required)
Language support :	Japanese, English, German, French, Italian, Spanish, Korean, Simplified Chinese, Traditional Chinese, Turkish, Portuguese, Polish, Czech, Hungarian, Dutch, Russian, (Thai AVPAK only)
Resolution :	0,01 HR (settable)

Data output:

MeasurLink capability :	yes
Data output :	RS-232C, SPC Digimatic D-type connection, USB (PDF and Excel if controlled by AVPAK)

Test force:

Preliminary test force :	29,42N/3kg and 98,07N/10kg
Preliminary test force switching :	Software
Test Force Range :	9,8-2450N (1-250kgf)
Test force generation :	Load cell
Test force switching :	Software

Duration time :	1-120 1 s. increments
Test cycle :	Fully automatic
XYZ axis:	
XY stage :	y-axis integrated / x-axis optional
Z-axis :	motorized
Range Y-axis :	160 mm
Range Z-axis :	250 mm
Functional dimensions:	
Stage/Anvil adaption :	Ø10 mm
Max. specimen height :	250 (165 with x-axis) mm
Throat depth :	220 mm
Maximum specimen weight :	50 kg
Main unit data:	
External dimensions WxDxH :	428x837x935 mm
Mass main unit :	205 kg
Power supply :	AC adapter 100 -240V, 50/60Hz Auto-selection
Power consumption W :	100
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 :	Basic test surface 200x200mm
Inspection certificate :	included
Power cord :	not included

Dimensions

