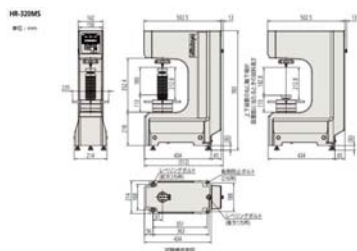




HR-320MS main unit ISO-JIS-ASTM

Item number: 810-192-31

Images



Specification

Model:	HR-320MS
Functions:	GO/NG, Offset revision, Hardness conversion
Applicable standards:	
Applicable standards Rockwell :	ISO 6508-2, ASTM E18, JIS B7726
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 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 :	LCD display with button controled menu
Test Control :	Graphic preliminary test force indicator, start of test by button control
Functions LCD display :	Settable functions: Scales ; time cycle; limit setting G/NG; acoustical warning; cylinder compensation; data output; test and calibration modes
Resolution :	0,1 HR
Data output:	
MeasurLink capability :	yes
Data output :	RS-232C, SPC Digimatic E-type connection
Test force:	
Preliminary test force :	29,42N/3kg and 98,07N/10kg
Preliminary test force switching :	Dial
Test Force Range :	29,42- 1471N (15-150kgf)
Test force generation :	Dead weight system
Test force switching :	Switching dial
Duration time :	1-99s. 1 s. increments
Test cycle :	Manual start after preliminary test force application

Test cycle control :	Spindle magnet brake for preliminary test force control
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XYZ axis:

XY stage :	stage for Jominy test 810-700 (optional)
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Z-axis :	manual elevation unit
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Functional dimensions:

Stage/Anvil adaption :	Ø19 mm
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Max. specimen height :	180 mm
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Throat depth :	165 mm
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Maximum specimen weight :	20 kg
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Main unit data:

External dimensions WxDxH :	235x512x781 mm
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Mass main unit :	46.3 kg
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Power supply :	AC adapter 100 -240V, 50/60Hz Auto-selection
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Power consumption W :	30
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Operation temperature °C :	5-40
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Relative humidity RH :	80% or lower without condensation
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Vibration Frequency :	5Hz
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Standard accessories:

Diamond indenter :	not included
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Reference material :	not included
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Flat anvil :	810-039 outside diameter Ø64mm
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V-anvil :	810-040 groove width 30mm
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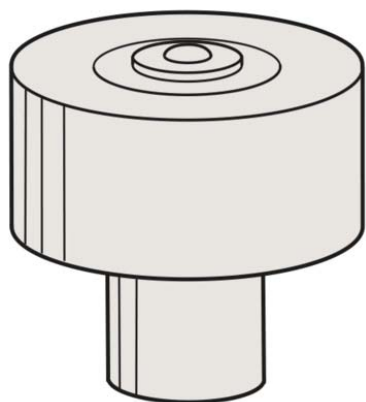
Water level :	11AAB941
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Inspection certificate :	included
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Power cord :	not included
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Accessories

Optional accessories:

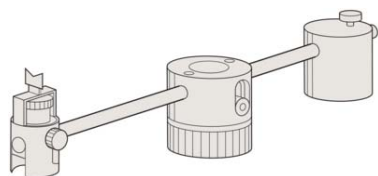


Diamond spot anvil

for Rockwell Superficial scales Ø3.5 mm

Art No. 810-030

£1,970.00 ex. VAT

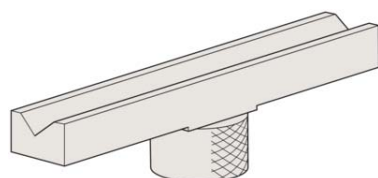


Hardness testing machines

Adjustable support for long workpieces

Art No. 810-027

£2,140.00 ex. VAT



V-anvil

groove length 400 mm, Ø 50 mm- Ø 100 mm

Art No. 810-029

£1,870.00 ex. VAT

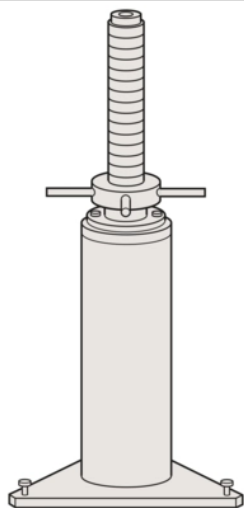


Fine feed adjustment stage

for Jominy test(end quench test)specimen

Art No. 810-026

£3,410.00 ex. VAT



Hardness testing machines

Height adjustable jack rest

Art No. 810-028

£2,140.00 ex. VAT



V-anvil

groove length 40 mm, Ø15 mm- Ø60 mm

Art No. 810-040

£293.00 ex. VAT



Spot Anvil

Spot Ø12 mm

Art No. 810-043

£215.00 ex. VAT

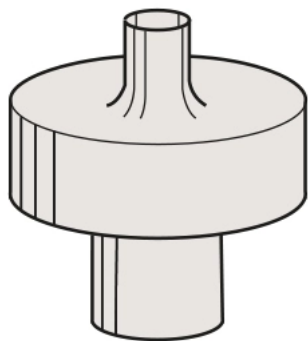


V-anvil

groove length 40 mm, Ø3 mm- Ø9 mm

Art No. 810-041

£242.00 ex. VAT

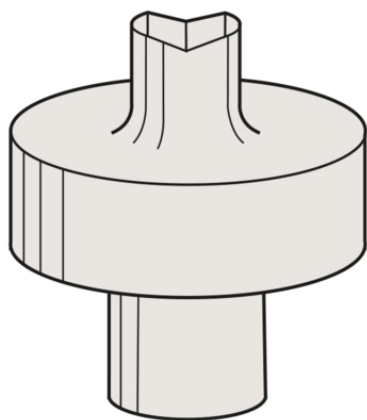


Stepped spot Anvil

Spot Ø 5.5 mm, step height 13 mm

Art No. 810-044

£215.00 ex. VAT



Stepped V-anvil, step height 13 mm

groove length 10 mm, Ø4mm- Ø16 mm

Art No. 810-042

£195.00 ex. VAT

Steel table

for Rockwell hardness testing machines

Art No. 810-048

£1,700.00 ex. VAT



Statistic Processing Printer DP-1VA

Data Printer and Logger CEE Type

Art No. 264-505D

£579.60 inc. VAT

£483.00 ex. VAT



Digimatic Cable, Round 6-Pin Type

1m

Art No. 937387

£55.80 inc. VAT

£46.50 ex. VAT



Digimatic Cable, Round 6-Pin Type

2m

Art No. 965013

£71.04 inc. VAT

£59.20 ex. VAT



Round table

Ø 180 mm

Art No. 810-037

£582.00 ex. VAT



Round table

Ø250 mm

Art No. 810-038

£1,170.00 ex. VAT



USB Input Tool Direct (Digimatic to USB)

2m Cable, Digimatic/Digimatic 2, Round 6-
Pin Type

Art No. 06AFM380E

£164.40 inc. VAT

£137.00 ex. VAT