



## High capacity Rockwell hardness tester, for large samples or high volume testing

This is a high capacity Rockwell tester, with a motorised test head and an optional motorised XY-stage. Duramin-170 is particularly suitable for Rockwell testing of large or tall samples or for fully automatic Jominy testing.

- Dedicated Rockwell tester
- Load range between 1-250 kgf
- Suitable for fully automatic Rockwell testing, for example, Jominy testing and Rockwell testing of large samples
- Motorised test head
- Motorised XY-stage (optional)
- Anti-collision system
- Embedded PC, operated by mouse or touch screen

## Technical data



	Duramin-170	Duramin-170 A
<b>LOADS AND APPLICATIONS</b>		
Load range (main loads)	1-250 kgf	1-250 kgf
Vickers capability	No	No
Knoop capability	No	No
Brinell capability	No	No
Rockwell capability	Yes, all scales	Yes, all scales
HVT/HBT	Yes	Yes
<b>STAGES AND TURRETS</b>		
XY-stage / Anvil	Manuel	Automatic
XY-stage or anvil size (mm)	Ø 80	307x207
XY-stage stroke, max (mm)	-	170x120
Vertical capacity (mm)	230	230
Throat depth (mm)	220	220
Motorized Z-axis	Yes	Yes
Turret positions	1	1
Machine weight	250 kg	255 kg
<b>SOFTWARE AND MODULES</b>		
Jominy testing	No	Yes
Report editor	Yes	Yes
Data export	Yes	Yes
<b>INTERFACES AND CONNECTIVITY</b>		
Operation	Embedded Windows 10 PC with 15" touch screen. Mouse and keyboard operation is optional.	
Communication Ports	HDMI, VGA, RJ45, WLAN, USB, RS232	
WiFi	Yes	Yes
Blue tooth	Optional	Optional

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