



## Robust and automatic universal hardness testing

Duramin-600 is designed to survive the toughest production environment. It is a universal hardness tester, operated by a robust touch screen, and comes available in three load ranges and with optional motorised Z-table for larger samples.

- Suitable for Vickers, Knoop, Brinell and Rockwell hardness testing
- Available in three load ranges: 1-250 kgf, 3-750 kgf, 5-3000 kgf
- Robust load-cell based universal tester
- Automatic 6-position turret
- Ring-light with dark field illumination for the testing of soft metals
- Optional motorised Z-axis for large samples
- Embedded PC, operated by mouse or touch screen

## Technical data



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	Duramin-600 M1/M2/M3			Duramin-600 Z1/Z2/Z3		
<b>LOADS AND APPLICATIONS</b>						
Model	<b>M1</b>	<b>M2</b>	<b>M3</b>	<b>Z1</b>	<b>Z2</b>	<b>Z3</b>
Load range (main loads)	1 kgf - 250 kg	3 kgf - 750 kgf	5 kgf - 3000 kgf	1 kgf - 250 kg	3 kgf - 750 kgf	5 kgf - 3000 kgf
Vickers capability		Yes			Yes	
Knoop capability		Yes			Yes	
Brinell capability		Yes			Yes	
Rockwell capability		Yes			Yes	
HVT/HBT		Yes			Yes	
<b>ANVILS AND TURRETS</b>						
Anvil size (mm)		Ø 80			Ø 80	
Vertical capacity (mm)		330			330	
Throat depth (mm)		260			260	
Motorized Z-axis		No			Yes	
Motorized turret		Yes			Yes	
Turret positions		6			6	
Anti-collision protection		Yes			Yes	
Machine weight		430 kg			430 kg	
<b>CAMERAS AND OPTICS</b>						
Evaluation camera resolution		5 MP			5 MP	
Auto illumination		Yes			Yes	
<b>SOFTWARE AND MODULES</b>						
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	