



Entry level Vickers hardness tester – optimal repeatability and easy operation

This entry-level range of micro hardness testers primarily targets Vickers testing, but can also be used for Knoop and Brinell testing. The Duramin-4 testers are equipped with a combination of manual and automatic features to ensure easy operation. Duramin-4 is available in two load ranges; 10 gf - 2 kgf and 1 kgf - 62.5 kgf.

- Suitable for Vickers, Knoop and Brinell hardness testing
- Available in two load ranges: 10 gf - 2 kgf and 1 kgf - 62.5 kgf
- Automatic 6-position turret
- Manual XY stage or anvil
- Manual Z axis
- Manual indent evaluation via eyepiece

Technical data



	Duramin-4 M1	Duramin-4 M2
LOADS AND APPLICATIONS		
Load range (main loads)	10 gf - 2 kgf	1 kgf - 62.5 kgf
Vickers capability	Yes	Yes
Knoop capability	Yes	Yes
Brinell capability	No	Yes
STAGES AND TURRETS		
XY-stage	Manual	Anvil
XY-stage or anvil size (mm)	90x90	Ø60mm
XY-stage stroke, max (mm)	25x25	
Vertical capacity (mm)	125	148
Throat depth (mm)	170	170
Motorized Z-axis	No	No
Motorized turret	Yes	Yes
Turret positions	6	6
Anti-collision protection	Yes	Yes
Machine weight	75 kg	85 kg
OPTICS		
Indent evaluation	Manually via eyepiece	Manually via eyepiece
SOFTWARE AND MODULES		
Statistics	Yes	Yes
Data export	Yes	Yes
INTERFACES AND CONNECTIVITY		
Operation	Touch screen	Touch screen
Communication Ports	USB 2.0	USB 2.0

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