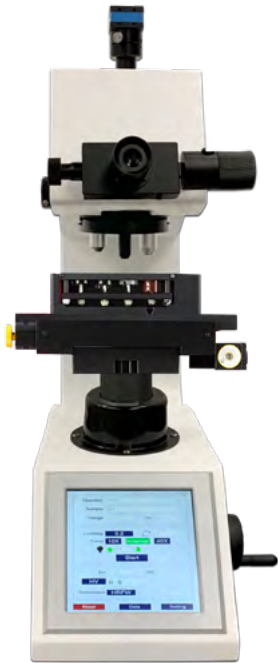


DM2

Automatic micro Vickers hardness tester



FULLY AUTOMATIC

- Camera 1,3 MP
- Auto measure software
- Auto X Y Z axis running pattern for multiple test case depth including automatic stage X-Y



SEMI-AUTOMATICO

- Camera 1,3 MP
- Auto measure case depth



TECHNICAL DATA

	DM 2	DM 2 semi automatic	DM 2 automatic
Action:	Automatic turret, automatic loading, automatic indentation and manual measurement.	Automatic turret, automatic loading, automatic measurement of indentation by camera and software	Automatic turret, automatic loading, automatic measurement of indentation by camera and software, auto XY movement and auto focus.
Accuracy:	Better than 1%		
Temperature range:	From 10° to 35° C		
Data output:	USB		
Power supply:	110 or 220 V / 50-60 Hz		
Software:	---	Aries	Fully automatic AFFRI System
Principle of operation:	A pesi		
Force range:	0.098 - 0.245 - 0.490 N (10 - 25 - 50 gf)		
Feasible tests:	Vickers (Knoop optional)		
Standards:	ASTM - E384 / ISO 6507-2 / JIS B 7734		
Turret:	Automatic (3/5 positions)		
Indenter:	Vickers (Knoop optional)		
Camera:	---	1.3 MP USB2 B/W HD	1.3 MP USB2 B/W HD
Reading and Focus:	Manual digital reading	Manual focus and auto reading	Automatic and manual
Objectives:	10X , 40X (20X optional)		
Lighting:	LED		
Dwell time:	1 - 99 sec		
Height capacity:	110 mm		
Depth capacity:	70 mm		
Table:	X-Y: manual 100x100 mm with steps 10 µm	X-Y: manual 100x100 mm with steps 10 µm	X-Y: manual 100x60 mm automatic with steps 0.5 µm
Fields of use:	Micro and macro Vickers, case depth test on every metals: iron, steel, tempered steel, cast iron, brass, aluminium, copper and metal alloys. Heat treatments, hardening, nitriding, cementation and hardfacing. Knoop test on ceramic and glass materials.		
Gross weight:	50 kg	70 kg	70 kg
Packaging measurements:	60 x 60 x 80 cm		

The manufacturer reserves the right to make changes aimed at improving the products without prior notice.

ACCESSORIES

- opt. • Manual XY stage
- 1 • Precision vise 50 mm
- 1 • Standard test block
- 1 • Diamond indenter for HV (built in)
- 1 • Measuring microscope electronic type
- Automatic switching dual indenters
- opt. Knoop and Vickers
- opt. • Tv CCD auto measure
- opt. • Software for easy Vickers measure
- 1 • Objective lens (built in) in 10X
- 1 • Objective lens (built in) in 40X
- 4 • Level adjusting bulb
- 2 • Light source bulb (LED)
- 1 set. • Auxiliary tools
- 1 • Instruction manual
- 1 • Accessories box

EXTRA ACCESSORIES

- Dual indenters Knoop and Vickers automatic switching
- Knoop indenter
- Knoop test block
- For semiauto model: camera 1,3 MP and auto measure software
- 20X objective

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