

# Vickers Hardness Tester V-30A & V-30D



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BAQ - Automatisierung und Qualitätssicherung

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# Vickers Hardness Tester V-30A & V-30D

- Easy handling
- Fully automated load control
- Large touch-screen
- Built-in printer and RS232-interface (D type only)
- Two optical paths
- Auto-turret
- CCD camera system and software (optional)



## Technical Data

	V-30A	V-30D
Hardness scale	HV0.3, HV0.5, HV1, HV3, HV5, HV10, HV20, HV30	
Test loads	0.3~0.5~1~3~5~10~20~30kg	
Test load selection	Dial	
Accuracy	GB, EN-ISO 6507, ASTM, JIS	
Load application	Automatic (loading/dwelling/unloading)	
Dwell	5-99s	
Turret	Automatic	
Ocular	10x	
Measuring microscope	analogue	digital
Resolution	0.5µm	0.3µm
Objective	10x, 20x	
Total magnification	100x, 200x	
Measuring range	100x: 800µm, 200x: 400µm	
Optical path	2 way switchable: Ocular/Camera	
Light source	Halogen lamp	
Display	Diagonal, Hardness conversion, Test load, Test load unit (N or kg)	
Hardness value	5-digit	
Diagonals	4-digit ( D1, D2 )	
Built-in printer	no	yes
RS232-Interface	no	yes
Hardness conversion	Brinell, Rockwell, Super-Rockwell	
Max. size of sample	210mm x 160mm (Depth from center line)	
Dimensions	570x300x710mm	
Weight	55kg	
Power supply	110/220V AC, 60~50Hz	

## Standard Lieferumfang

- Adjustable feet
- Flat stage Ø60mm
- Cylindrical anvil Ø40mm
- Filter glass green, blue
- Spirit level for machine alignment
- Dustproof cover
- Power cable
- RS232 cable (D type only)
- Manual
- Case for accessories
- Spare lamp
- Spare fuse

## Optional accessory

- CCD Camera system and Software
- Certified test blocks
- Certified indenters
- XY-Stage