Micro Vickers Hardness Tester

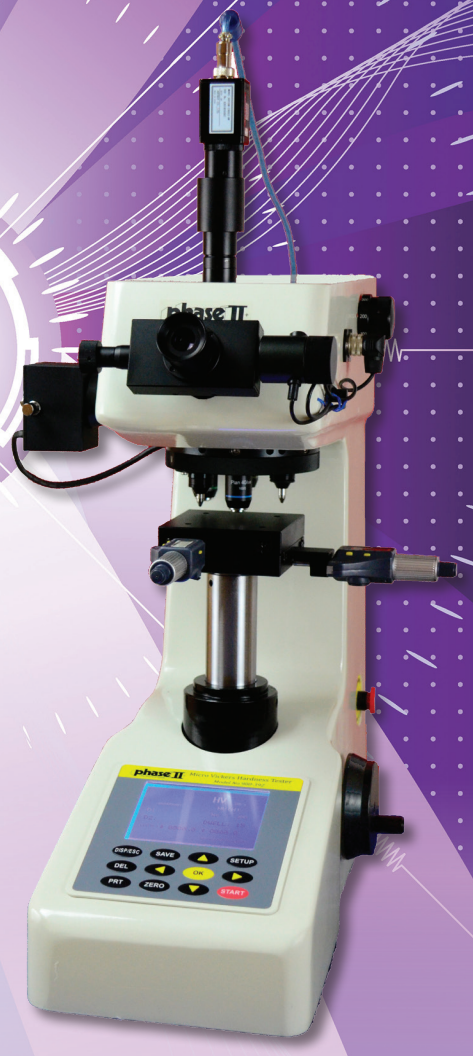
Dual Penetrators!
Knoop & Vickers

3 Measuring Objectives!
10x, 20x,40x

- The Max. Height of the specimen: 90 mm
- The Max. Depth of the specimen: 12t0 mm (From the center)
- Power supply: AC110/220V, 60/50Hz
- Overall dimension (L x W x H): 495×305×550mm
- Weight: 33kg net

Specifications:

1. **Test Forces:** (gf) and (mN)
   10, 25, 50,100, 200, 300, 500, 1000(1K) gf
   98, 245, 490, 980, 1960, 2940, 4900, 9800 **Nm**
2. **Test Scales:**
   Vickers Scales: HV0.01, HV0.025, HV0.05, HV0.1, HV0.2, HV0.3, HV0.5, HV1
   Knoop Scales: HK0.01, HK0.025, HK0.05, HK0.1, HK0.2, HK0.3, HK0.5, HK1
3. **Test mode:** HV / HK
4. **Language:** English / Chinese
5. **Test force application:** Automatic lifting system
6. X-Y Testing Table
   a) Dimension: 100×100mm
   b) Travel: 25×25 mm
   c) Revolving power: 0.002mm
7. **Selection of hardness scale conversions**
8. **Dwell time of the test force:** 0~90s (5 sec increments)
9. **Turrett:** Toggle between indenters and objectives: Automatic recognition and manual
10. **Brightness**: adjustable



Features:

- 3 Measuring Objectives! 10x - 20x - 40x
- Dual Indentors! Vickers and Knoop
- Includes Auto-Turrett, Video Cam, and Measurement software
- Instant hardness scale conversions via supplied measurement software
- Measurement software allows you to save the measuring data, pictures of indent, generate the hardness-depth curve and save as WORD or EXCEL document.

Three measuring objectives to choose from:

Eyepiece	Objective	Total Amplification	Min. Test Unit
10*	10*	100*	.25 μm
	20*	200*	0.03 μm
	40*	400*	0.015 μm

900-392A Vickers Hardness Tester

Includes Video cam, adapter and manual measurement software

900-392B Vickers Hardness Tester

Includes Video cam, adapter and Auto-Measurement software

900-392C Vickers Hardness Tester

Includes Video cam, adapter and Turret control w/manual measurement software

900-392D Vickers Hardness Tester

Includes Video cam, adapter and Turret control w/ Auto-Measurement software

900-392E Vickers Hardness Tester

Includes Video cam, adapter, Automatic X & Y axis control, and auto Turret control w/ Auto-Measurement software

900-392F Vickers Hardness Tester

Includes Video cam, adapter, Automatic X, Y & Z axis control, and auto Turret control w/ Auto-Measurement software