

Micro Vickers Hardness Tester w/ Auto-Turret

w/ Video Cam, Adaptor and Software



This Micro Vickers hardness tester is a precise testing system suitable for hardness analysis of metallic specimens in metallography laboratories or production environments

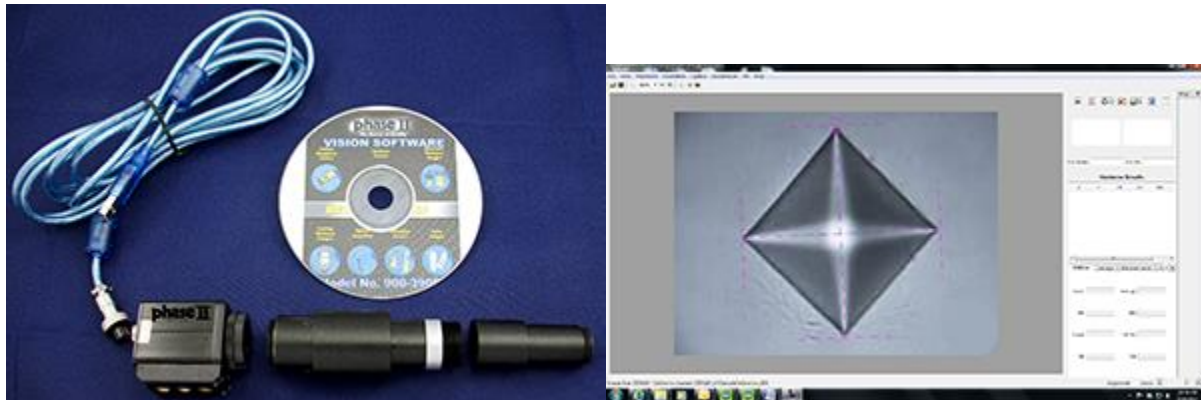
Technical Features:

- **Testing Range:** 1HV~2967HV
- **Test Forces:** 0.098N(10g), 0.246N(25g), 0.49N(50g), 0.98N(100g), 1.96N(200g), 2.94N(300g), 4.90N(500g), 9.80N(1000g)
- **Max Height of the Specimen:** 70mm
- **Max Distance from the Indenter Center to the Instrument Panel:** 95mm
- **Lens/indenters with:** With Hand Turret
- **Carriage Control:** Automatic (loading /holding-up of the load/unloading)
- **Amplification of the microscope:** 100×, 400×
- **Dwell Time of the Test Force:** (5-60)S

- **Min.Graduation Value of the Testing Drum Wheel:** 0.25um
- **Dimension of the XY Table:** 100×100mm
- **Movement Field of the XY Table:** 25×25mm
- **Light source/Power Supply:**110/220V,60/50Hz/Cold Light Source
- **Weight/Gross Weight:** 41.5kg Net Weight: 35kg
- **Package Dimensions:** 425×245×490mm

Main Accessories for Phase II Vickers Hardness Tester Model 900-391:

- Base Machine w/ Auto-Turret
- X-Y Stage w/ Micrometer
- Mini Thin Part Holding Fixture
- Mini Drill Chuck Fixture
- Mini Vise fixture
- Video Cam w/Adapter
- Measurement Software
- USB Cable



Video Cam, Adaptor, Software Kit

- **Model No. 900-391A Vickers Hardness Tester**
 - Includes Video cam, adaptor and manual measurement software
- **Model No. 900-391B Vickers Hardness Tester**
 - Includes Video cam, adaptor and Auto-Measurement software
- **Model No. 900-391C Vickers Hardness Tester**

- Includes Video cam, adapter and Turret control w/manual measurement software
- **Model No. 900-391D Vickers Hardness Tester**
 - Includes Video cam, adapter and Turret control w/ Auto-Measurement software
- **Model No. 900-391E Vickers Hardness Tester**
 - Includes Video cam, adapter, Automatic X & Y axis control, and auto Turret control w/ Auto-Measurement software

Packages A, B & C can be upgraded at any time. Contact Phase II for further information Packages C&D only work with Phase II brand and similar machines.

Our advanced line of Micro Vickers Series hardness testers are state-of-the-art, precise testing systems suitable for hardness analysis of metallic specimens in metallography laboratories or production environments.

The Phase II micro-vickers hardness testers are versatile and user-friendly systems, designed for the accurate hardness testing of small precision parts, thin materials, coatings, wires and case depth determinations. The Phase II 900-391 Series micro-vickers hardness testers include Auto-Turret, Video Cam, Adapter, USB Output Cable and a choice of 4-variants of Measurement software giving you the capabilities of machines that cost thousands more. The 900-391 Micro Vickers hardness tester covers the load range from 10g to 1kg.

Conforming to ASTM E-384/92 vickers hardness testers standards, the 900-391 series micro vickers hardness testers will offer unmatched repeatability. This micro Vickers hardness tester can also measure Knoop hardness after installing an optional knoop indenter. A perfect rugged performer suited for any environment, the Phase II vickers hardness testers are offered with a 5 year warranty and free lifetime technical support.

HARDNESS TESTER RESOURCES

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| <ul style="list-style-type: none"> ● REBUILT INVENTORY W/ FULL WARRANTY ● PHASE II WARRANTY CARD ● PHASE II SAMPLE EVALUATION SHEETS ● HARDNESS TESTER CONVERSION CHART ● PRINCIPLE OF ROCKWELL HARDNESS TESTING ● ROUNDNESS CORRECTION CHART FOR HARNEDESS TESTING | <ul style="list-style-type: none"> ● PORTABLE HARDNESS TESTERS ● MINIMUM THICKNESS CHART FOR ROCKWELL HARDNESS TESTING ● ROCKWELL HARDNESS SCALE INDENTOR LOAD CHART ● NIST LINKS ● NIST SCALE HISTORY ● ASTM LINKS |
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