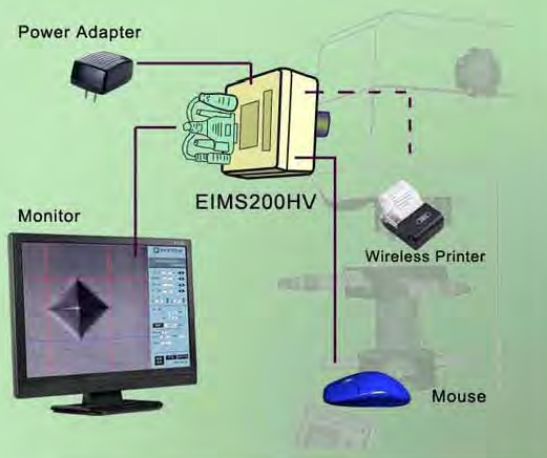


EIMS200HV Vickers Hardness Measuring System

Features

- Two million pixel high resolution camera, directly display driver, display no distortion.
- Simple structure, reliable operation.
- No computer needed, connect with computer display directly and realizes Vickers hardness image measurement.
- Mouse operation, easy to learn and use.
- Digital image measurement, intuitive and accurate.
- The original embedded measuring software system, stable and reliable.
- Simple installation, can directly replace the current widespread use of optical micrometer.



Function

- **Test force:** testing force setting includes all of standard Vickers hardness testing.
- **Objective magnification:** the most commonly used in Vickers hardness test.
- **Conversion:** Convert HV to other commonly used hardness scales, such as HRC, HRA, HRB, HB etc.
- **Calibration:** Length calibration and hardness calibration.
- **Statistics:** the mean values and range value can calculated out.
- **Brightness adjustment:** Adjust the display brightness according to test surface, to reduce the measurement error and visual fatigue.
- **Image freeze:** Eliminate the measurement error caused by the vibration or shock.

Specifications

Resolution of Display	800*600*72Hz or 1024*768*70Hz
Accuracy/Resolution	0.2 μ m/ 0.1 μ m
Test Force Setting	120、100、50、30、20、10、5、3、2.5、2、1、0.5、0.5、0.3、0.2、0.1、0.05、0.025、0.01 (kgf)
Objective Magnification	40X、10X、4X
Resolution of Hardness	0.1HV
Monitor	10、15、17 or 19 inch PC monitor
Lens Interface	Standard C interface
Image Interface	D15 standard VGA interface
Operation Interface	PS/2 mouse



Power	5VDC/1A; approx.1.75 W;
Operation Environment	0°C~+50°C, 20%~85%RH;
Dimension	120mm*68mm*55mm
Weight	~350 克 (Camera only)

