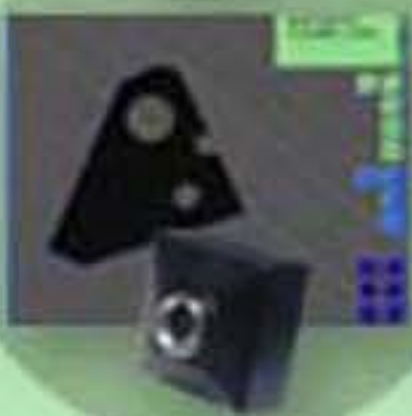


LENGTH & Optical Measurement



LENGTH & Optical Measurement



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Features

- Very compact size with integrated probe.
- Magnetic induction method (ISO 2178, ASTM D7091), Measurement of non-magnetic coatings on magnetic substrates.
- Quick one-hand operation. Place instrument on specimen and see the measured value.
- Ready to measure immediately without calibration.
- Easy to perform zero-point correction provides correct measurement results for measuring applications with little changes in shape and substrate material.
- The one-point calibration function allows for an adaptation in cases of

severe changes in shape or substrate material.

- Data transmitting to PC via USB cable.
- Statistic function allows for evaluation of a measurement series and display of the most significant characteristic statistical values.

Specifications

Test Method	Magnetic induction
Measuring Range	0~1500μm (0 ~60 mil)
Resolution	0 ~ 999μm: 0.1μm, ≥1000μm: 1μm
Accuracy	0 ~ 100μm: ± 1.5μm , 101 ~ 1500μm: ≤ 1.5 %
Data Memory	Up to 1500 readings
Display	Graphic LCD with backlight
Power Supply	1.5V*3 (AAA alkaline batteries)
Printer	Wireless Mini-printer(optional)
Communication	USB to PC for transfer data
Operating Temperature	0 ~ 50°C
Dimension	88 X 67 X 30 mm
Weight	120g
Certificate	CE
Options	Wireless mini-printer

Accessories

Thickness gauge, Substrate, Certification foils set, 3 AAA batteries, Data cable, Data logger software, Sheath, User's manual, Manufacturer's certificate.



Features

- Very compact size with integrated probe.
- Magnetic induction method (ISO 2178, ASTM D7091), Measurement of non-magnetic coatings on magnetic substrates.
- Data memory is up to 500 readings.
- Ready to measure immediately without calibration.
- Easy to perform zero-point correction provides correct measurement results for measuring applications with little changes in shape and substrate material.
- The one-point calibration function allows for an adaptation in cases of severe changes in shape or substrate material and enables high-precision measurements in selected measurement ranges.
- Statistic function allows for evaluation of a measurement series and display of the most significant characteristic statistical values.



Specifications

Test Method	Magnetic induction
Measuring Range	0~1250μm (0 ~50 mil)
Resolution	0 ~ 999μm: 0.1μm, ≥1000μm: 1μm
Accuracy	0 ~ 100μm: ± 2.0μm , 101 ~ 1250μm: ≤ 2.5 %
Data Memory	500 readings
Display	Graphic LCD with backlight
Power Supply	1.5V*3 (AAA alkaline batteries)
Operating Temperature	0 ~ 50°C
Dimension	150X50.5X29mm
Weight	110g
Certificate	CE
Accessories	Thickness gauge, Substrate, Certification foils set, User's manual, Manufacturer's certificate.



EPX200C Digital Measuring Camera

Features

- VGA output: it can directly connect to monitor to display high resolution image without computer.
- Control interface: PS/2 mouse is used to set or control the lines on the screen.
- Very easily to checkout & inspection in industrial, biological, chemistry, plant, material and other field.



Specifications

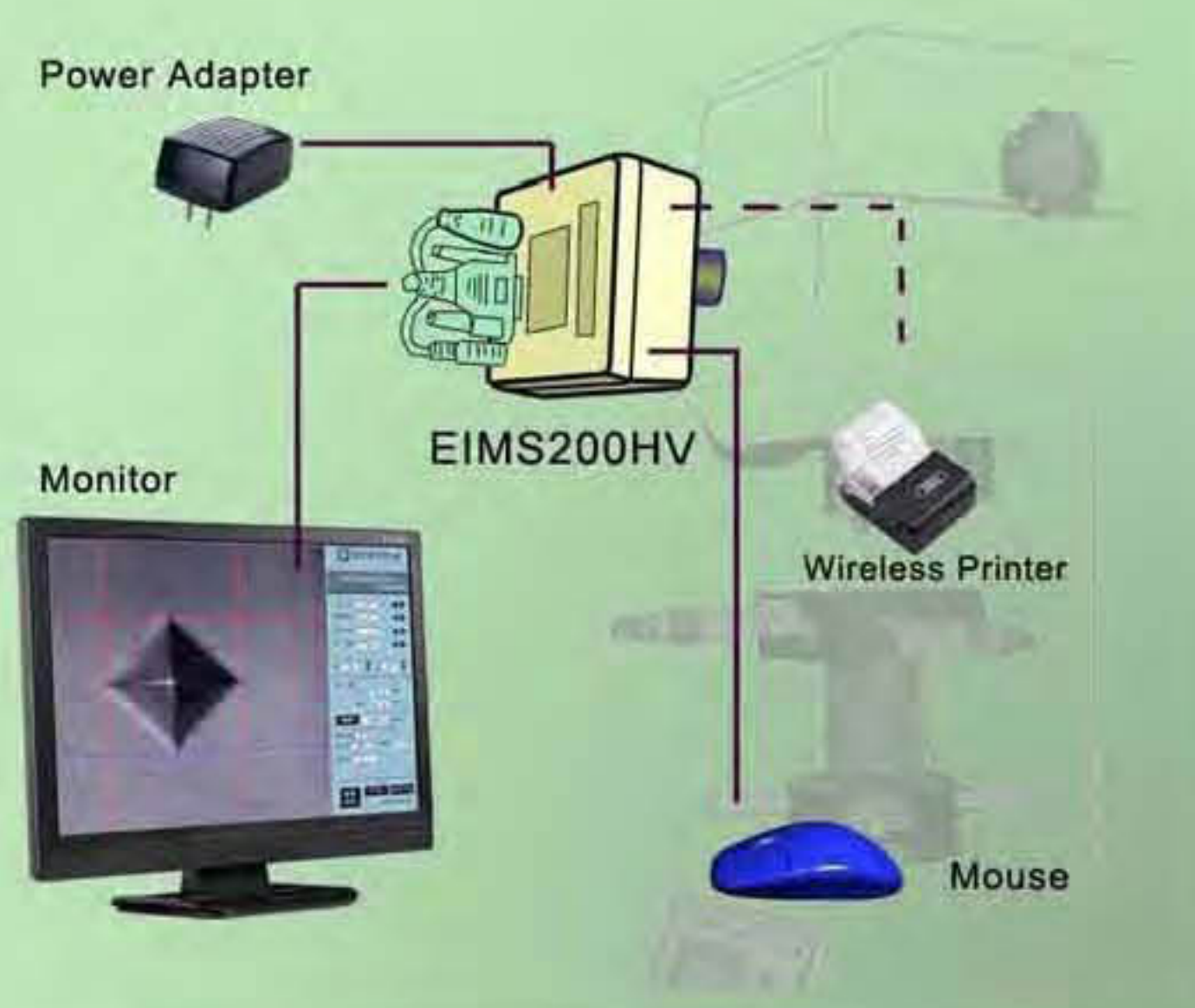
Sensor	1/2 inch, 2M pix CMOS imager sensor;
Output	XGA, D15 VGA
Resolution	1024(H)*768(V), 70Hz;
Lens interface	C-Mount
Control interface	3 key PS/2 mouse
Data memory	up to 500 readings.
Power Supply	5VDC/1A
Operating Environment	-20℃~+50℃, 20%~85%
Dimension	80mm*80mm*56mm
Weight	103g



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

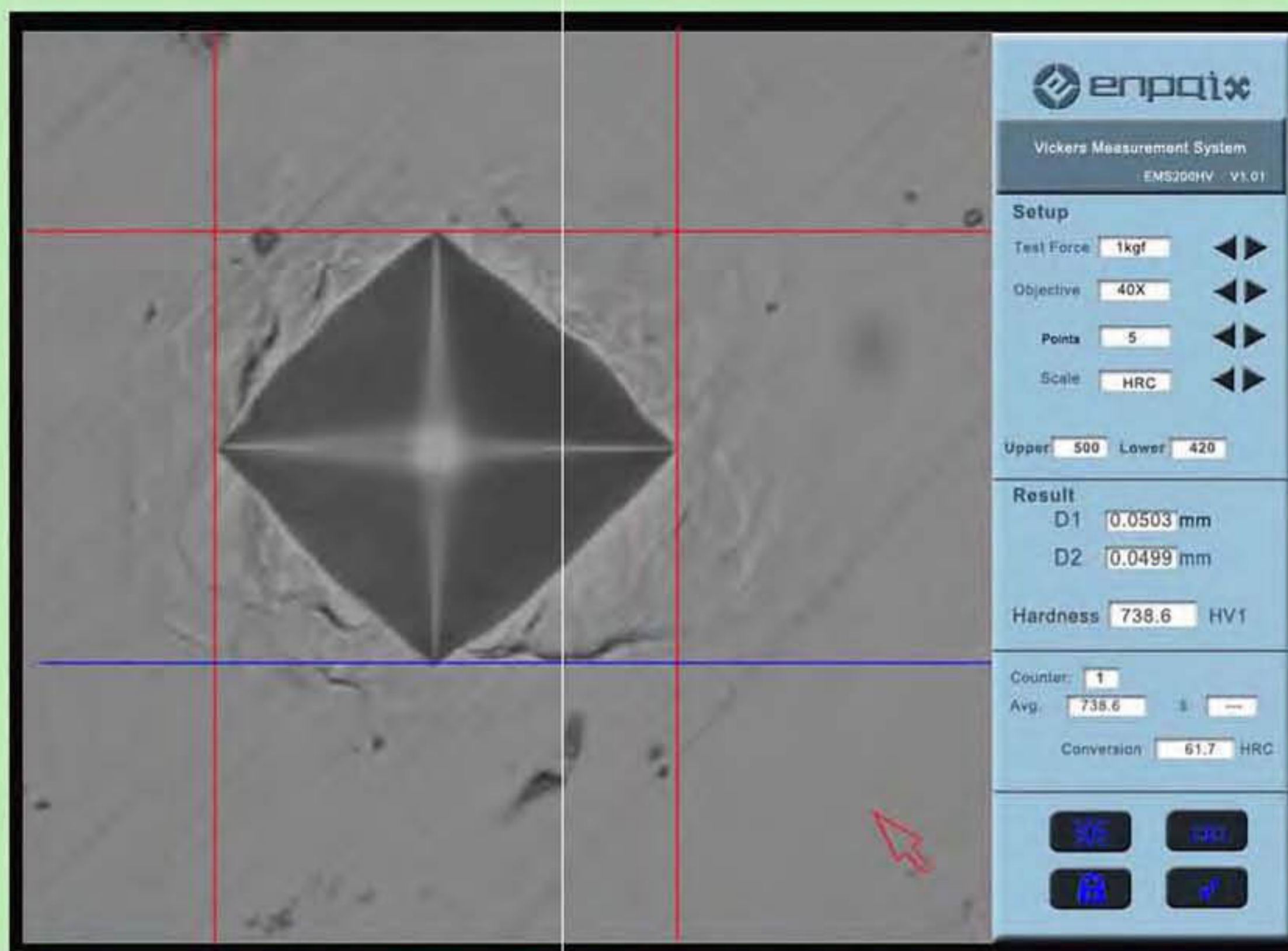
- **Test force:** testing force setting includes all of standard Vickers hardness testing.
- **Objective magnification:** the most commonly used in Vickers hardness test.
- **Conversion:** Convert HV to other commonly used hardness scales, such as HRC, HRA, HRB, HB etc.
- **Calibration:** Length calibration 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℃~+50℃, 20%~85%RH;
Dimension	120mm*68mm*55mm
Weight	~350 克 (Camera only)



LENGTH & Optical Measurement



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