

# UNIMETRO

UNIVERSAL METROLOGY

## Company profile:

Unimetro, the measuring expert and consultant of quality control and management.

Since established in 2008, Unimetro has always been devoting to researching, developing and manufacturing of measuring technology and products. Especially for the 2D 3D composite measuring Unimetro is the leader of the industry.

Our team is professional and passionate, which has more than 10 to 20 years experience in the metrology industry. We will use our knowledge and experience to offer our customers and distributors the best measuring solution, and this last in the process of model selecting, technology supporting, after sales service and continuous training service.

Unimetro is cooperating with many professional companies and working very closed to each other to develop better products or solutions, ensures we can offer a full production line, to satisfy different measuring requirement from different customers. Some of the brands we are cooperating as listed: Renishaw, External-Array, IDS, THK, Panasonic, Sentec, etc...

The Unimetro products are widely used in different industries such as metals, molding, PCB, electronics, plastic, pressing, horological industry, automobiles, and LCD. Our products are trusted partners in the process of quality control, product design and process control in customers' factories.

Unimetro will keep holding the faith of high quality and the best service, offering better products and solutions to our distributors and customers all over the world.



## DH-3000 series Electronic Brinell Hardness Meter



### Product characteristics:

- The latest C++ programming language + pressure sensor CPU control system, effectively improve the reliability and stability of hardware in operation; (Other manufacturers use assembly language programming)
- 16-bit analog-to-digital converter to ensure the accuracy and stability of force values;
- The fluctuation value of dynamic force value is less than 1000/1; (1000/5 of other production enterprises)
- Without looking up the table, type in the indentation diameter and length, LCD directly shows the hardness value; (exclusive production)
- LCD liquid screen menu display: hardness value, testing force, holding time, dynamic display of loading, holding and unloading process;
- The most cost-effective products of the same kind;
- The most advanced products of the same kind at home and abroad at present;

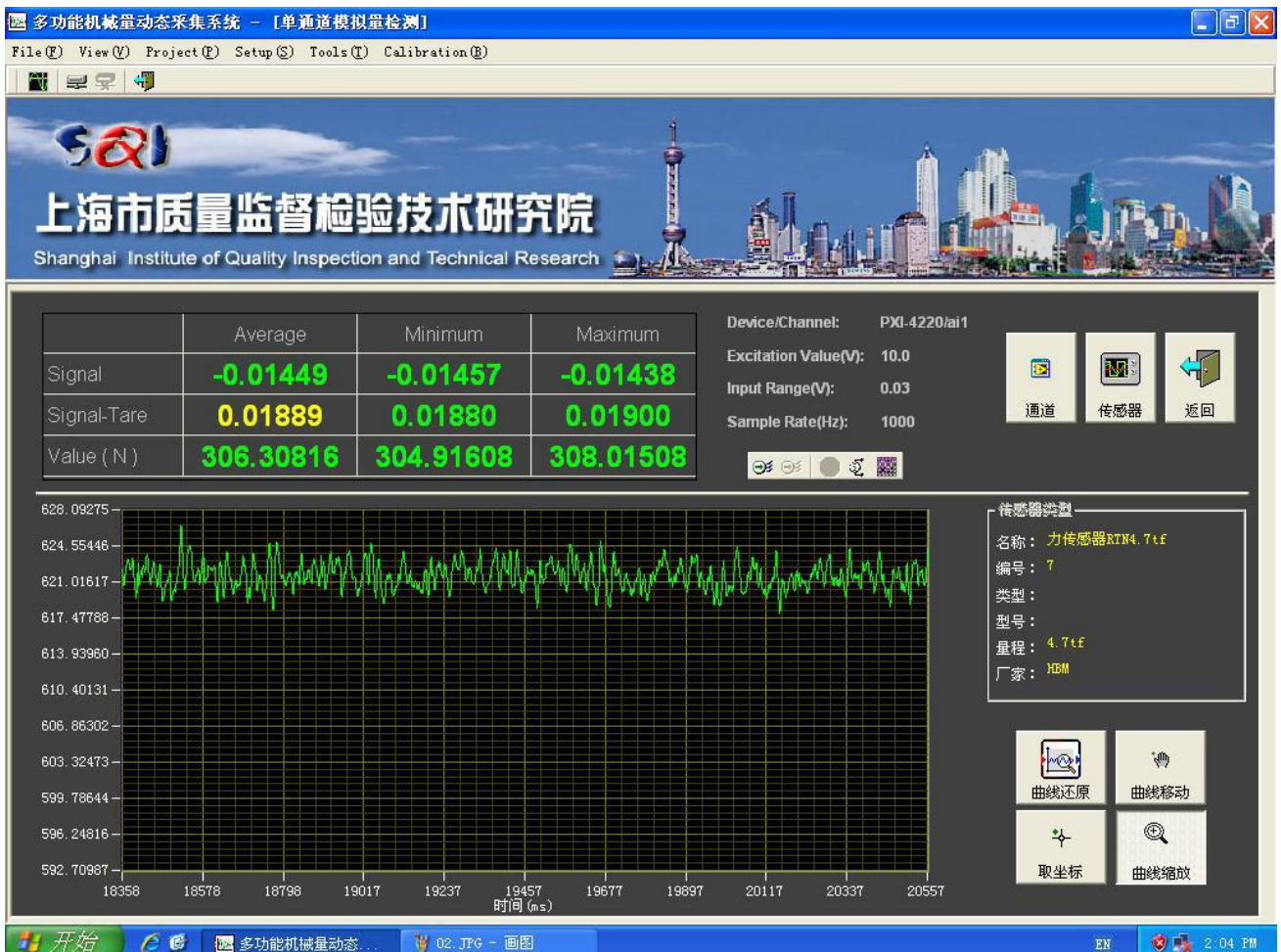
## Technical specifications:

- Testing force: 3000, 1500, 1000, 750, 500, 250, 187.5, 125, 100, 62.5; (Kg)
- Testing force loading: automatic
- 20 x reading microscope: one
- Minimum Grading Value of Drum Wheel: 0.005mm
- Specimens: maximum height: 225mm maximum width: 135mm
- Power supply voltage: AC220V/110V 50~60Hz
- Outward Size: (789 x 543 x 225) mm
- Weight: 130Kg

## Random attachment:

- Tungsten steel head: 2.5, 5, 10 mm each
- Large-scale and small-scale test-bed: one each
- Standard hardness block: HBW 10/3000 1 HBW 5/750 1
- Product Qualification Certificate: One
- 20-fold reading microscope: one
- Fuses: 3 (2A)
- Dust shield: one
- Power cord: one

## Dynamic Force Fluctuation Diagram



## DHB-3000A series Brinell Hardness Meter



### Product characteristics:

- The latest C++ programming language + pressure sensor CPU control system; (assembly language of other manufacturers)
- **Improving the reliability and stability of hardware in operation**
- Dynamic force fluctuation is less than 1000/1 (other enterprises 1000/5)
- Ensure that the force value is more accurate and the indication value is more stable.
- Good maneuverability and humanization;
- Brinell test force: grade 10

### Technical specifications:

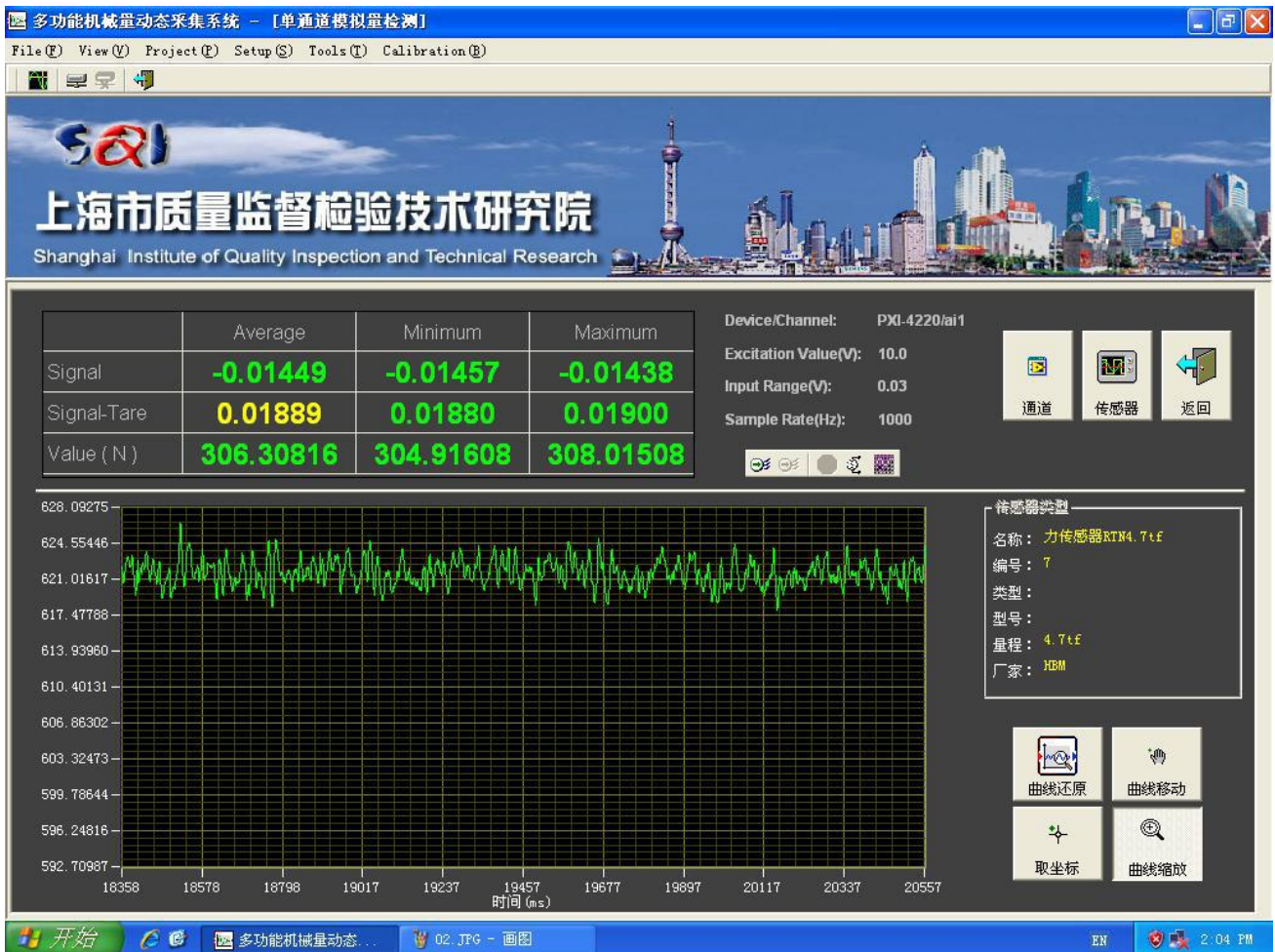
- Testing force: 3000, 1500, 1000, 750, 500, 250, 187.5, 125, 100, 62.5; (Kg)
- Testing force loading: automatic;
- 20 x reading microscope;
- Minimum Grading Value of Drum Wheel: 0.005mm

- Maximum height of specimen: 225mm maximum width: 135mm
- Power supply voltage: AC220V/110V 50~60Hz
- Outward Size: (789 x 543 x 225) mm
- Weight: 130Kg

### Random additions:

- Alloy steel head: 2.5, 5, 10 mm each
- Large and small flat test-bed: one each
- Standard hardness block: HBW 10/3000 1 HBW 5/750 1
- Product Qualification Certificate: One
- 20-fold reading microscope: one
- Fuses: 2 (2A)
- Dust shield: one
- Power cord: one

## Dynamic Force Fluctuation Diagram



## Our service

UNIMETRO is devoting to offer the best metrology products and solution,also offer the best after sales service.Free on-line support, free software upgrade and fast reaction of after saleservice ensure the satisfaction of our customers and dealers.

## Global market

Dealers or distributors all over the world are welcome and we will offer fullsupport in commercial and technical phase.UNIMETRO is always providing products with the best price performance ratio and the best service.

## OEM and special measuring solution

UNIMETRO is available for OEM service for our distributors.

Thanks to the professional technical team of UNIMETRO, we are also capable for varies kinds of special measuring solution or devices development, please consult to our engineer if you have such kind of requirement.

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