Solution provider since 2004 in Dimensional Metrology and Metallurgy

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Surface Roughness Testers - SURFCOM TOUCH 50

- Advanced compact table-top model from Zeiss-TSK
- Z direction resolution of 0.0001 μm/±40 μm, 0.00125 μm/±500 μm
- Z axis range of 1000 μm (±500 μm)
- X axis range of 50 mm
- 7 inch color LCD Touch panel
- Built-in Thermal printer
- Multiple analysis functions
- Multi-language support
- USB connectors for USB memory, Micro USB connector for USB communication

Contour Tracers

- Contour tracer from Zeiss-TSK
- Z axis measuring range of 50 mm
- Measuring resolution: 0.1μm/5mm range, 0.4μm/20mm range, 1μm/50mm range
- Auto Element Judgment (AI Function)
- Dimension Display Function
- Profile Synthesis Function
- Peak and Valley Function
- Calculation Point Repeat Function
- Host of Contour Evaluation Functions
- ACCTee Measurement & Analysis Software

Micro-Hardness Testers

- Micro Hardness testers from SHIMADZU, Japan
- Manual, Semi-Automatic and Fully automatic models
- G Frame which helps to measure large/long/narrow samples
- Easy to use Software
- Compact Design
- Electromagnetic Force Control
- Multi-turret (Optional)
- USB Communication with General Purpose PCs (Select models)
- LCD Touch Panel and LCD Data Graphs (Manual models)
- Test Conditions Assist Function (Select models)
- Reading Scratched Surfaces (Select models)
WeldEYE- Weld Penetration Inspection System

- Supports all Weld parameters
- User defined parameters
- User defined Joint types
- User defined Component templates
- User defined Rules for Pass/Fail criteria
- Component Level reporting
- Reports in PDF/Excel
- Supports standards of most Automotive OEMs

MIAS- Metallurgical Image Analysis System

- Advanced Metallurgical Image Analysis System
- Based on Technology transfer from BARC (Bhabha Atomic Research Centre)
- Analysis modules for Grains, Phase segmentation, Nodules, Flakes, Porosity, Decarburization, Coating thickness and 2D measurements
- Supports Custom Macro programming
- Rich set of Image processing functions for Macros
- Supports Batch processing of Images
- Reports in PDF/Excel format

Video Measuring Machine

- Manual 2D/3D Vision Measurement system
- 18X – 125X Magnification
- Different Work stage configuration
- Comes with Stand, PC with licensed Windows
- VMM 2D/3D Software
- LED Surface and Contour Illumination
Coating Thickness Gauges

- From PHYNIX, Germany
- Can measure coating on Ferrous and Non-Ferrous substrates up to 10 mm
- Wide range of products for different applications - Basic Paint check models to High accuracy models
- High resolution up to 0.1 μm and accuracy up to 0.7 μm
- Lowest contact area as small as 5 mm X 5 mm or on 3 mm diameter
- USB data transfer, Bluetooth connection, Scan mode, Statistics etc
- Can measure on hot surfaces up to 300 degree, with special ceramic foot
- Compact, Handy and light weight
- Superior GERMAN quality, repeatability and reproducibility
- Software for data analysis and statistics

Handheld XRF Machines for PMI

- From Thermofisher Scientific, USA
- XRF based device for Positive Metal Identification
- Upto 30 elements – Mg to U
- **Alloy modes:** Metal alloy, Electronic alloy, Precious metals
- **Bulk modes:** Mining, Soil
- **Plastic modes:** RoHS Plastics, Toy & Consumer Goods
- Plastics, TestAll™, Painted Products
- Limited Custom modes
- USB, Bluetooth™, and RS-232 serial communication
- Integrated Camera
- Touch screen interface

Surface Roughness Testers - Portable Handysurf +

- Portable and Handy model from Zeiss-TSK
- 2.4 inch color LCD display
- Z axis range of 370 μm (-210μm to +160 μm)
- X axis range of 16 mm
- Z direction resolution of 0.0007 μm over entire range
- Multiple analysis functions
- Multi-language support
- Connectable to small printer, USB memory stick and
- PC with built-in USB connector