BANBROS
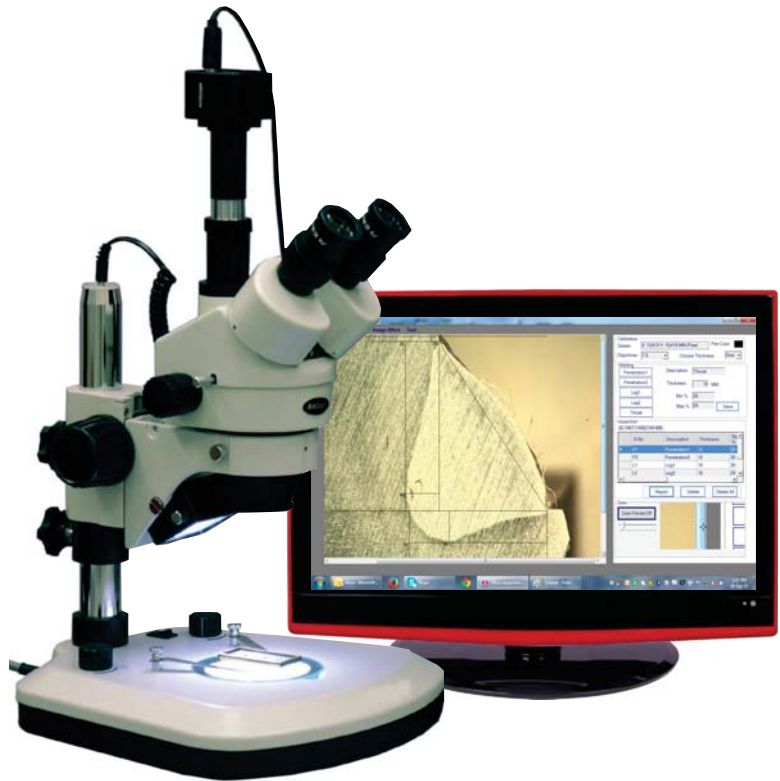
Banbros offers you the most advance system of weld penetration inspection with specially design high resolution microscope and USB digital microscopic camera to view and instantly capture a photograph and measure exact weld penetration depth in all type of weld sample with the help of user friendly software. The system can be used to measure all dimensional measurement (2D) like length distance radius diameter etc.

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*

Welding Penetration Software Features :

(1) Weld Penetration :

   (a) Penetration depth & percentage   (b) Leg measurement

   (c) Throat measurement   (d) Thickness measurement

   (e) Can set tolerances for each parameters.   (f) Automatic pass/fail status identification based on observed value and tolerances.

   (g) Can feed sample information in Report.

(2) Calibration : This tool is used for calibrating through calibration scale.

(3) Dimensional Measurement :

   (a) Line   (b) Length (Linear, Horizontal, Vertical)

   (c) Angle (two line angle, three line angle)   (d) Distance (two point)

   (e) Radius (three point)   (f) Diameter (three point)

(4) Report :

   (a) PDF & M.S. Excel

   (b) Printout with Processed imaged and results.

Website : www.banbrosindia.com

The Precision Measurement People

Technical Specifications:

Magnification range : 7X to 45X

Objectives range if zoom magnification: 0.7X~4.5X

Eyepieces field is wide and clear : 10X (field size: Φ 20mm)

Power Supply is out of the base of instrument

The mode of illumination selection and brightness adjusting are very easy, has three mode: transmitted light, reflected light and mixed light illumination.

USB Digital Camera

It Looks like an eyepiece. It can be easily inserted into eyepiece tube of microscope. The Digital Micro-Image Displays Immediately on computer or notebook PC. It is used in the field of image demonstration and analysis/application.

Features:

Operating System: Support to window2000 or windows XP or higher version

Picture Element: High-resolution CMOS chip

Output: USB is used to adapt with pc

Power: It is freely plugged and unplugged with no extra power.