5 Megapixel USB type • Supplied with Measurement Software • Adjustable Stand

MagnaPRO12
Digital Microscope

Laptop shown is not a part of supply

MagnaStand

Single Zoom Lens

No need to change lenses for different magnifications

Photo capturing & Video recording Button

LED Light intensity is adjustable

For lower magnification

For higher magnification

Rotate

The MagnaPRO12 Handheld Digital Microscope is a cost-effective digital microscope designed for electronics industries. This USB-powered microscope is capable of capturing still photos and videos with 5 megapixel resolution. The portable computer-powered design makes this unit at home anywhere a laptop can go. The Micro Capture Pro software allows users to analyze, annotate, manipulate, and save the transmitted images from the digital microscope. An included USB cable also allows real-time images to be displayed. The Handheld Digital Microscope includes a height-adjustable stand that adds to functionality. The magnification zoom range is suited for almost any specimen, including slides and three-dimensional objects. LED illuminators near the microscope objective provide incident lighting that is dimmable using a switch integrated with the USB cable. The built-in 5MP camera, height-adjustable stand and feature-rich software make the Handheld Digital Microscope a well-equipped instrument for QC inspection in field, laboratories etc.

Specifications:

Image sensor	: 5 Megapixels
Magnification	: 20 ~ 200x and 300x
Focus range	: Manual focus (10 to 150mm)
Snap shot	: Button or software
Still image resolution	: 2592x1944, 2048x1536, 1600x1200, 1280x960 pixels
Video capture resolution	: 1280x960
Flicker control	: 50Hz/60Hz
Light source	: 8 x LEDs with adjustable brightness
Magnification ratio	: 10x, 300x (at 5MP res)
Power source	: USB
Dimensions	
- Microscope	: 110(L) x 33(Dia)mm,
- Stand	: 165(H) x 165(L) x118(W)mm

Scope of Supply:

Description	MagnaPRO12	MagnaPRO12-Lap**
Digital Microscope	✔	✔
Adjustable Stand	✔	✔
Software CD	✔	✔
Calibration Scale	✔	✔
Laptop**		✔

** Laptop Computer supplied will be of any reputed make as DELL, with minimum or higher configuration: Dual Core Processor,250 GB HDD, 1GB RAM, Window 7 Home Basic Operating System. We will not be responsible for any after-sales-services or support both for hardware and software. Customer will have to contact the respective Computer Vendor's Service Centre directly.
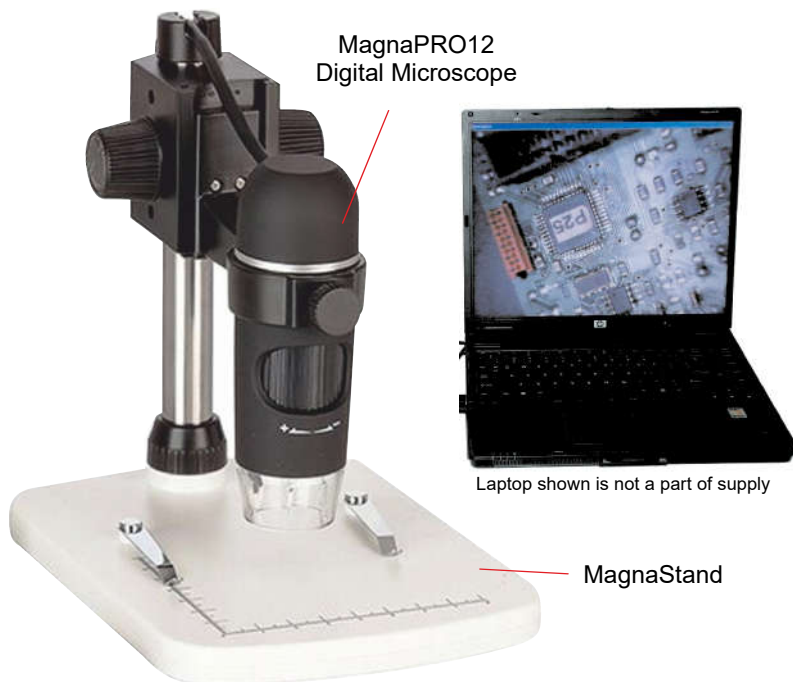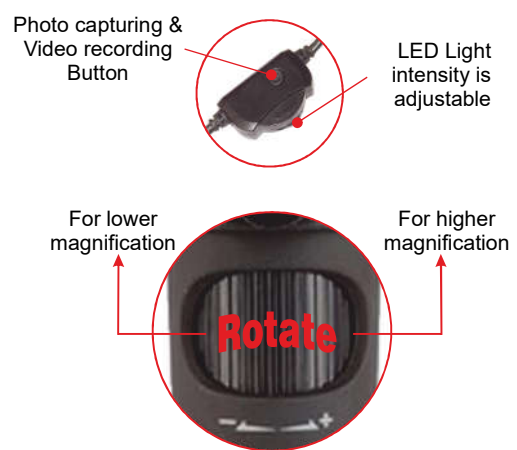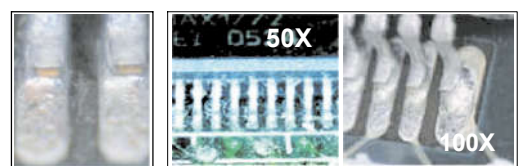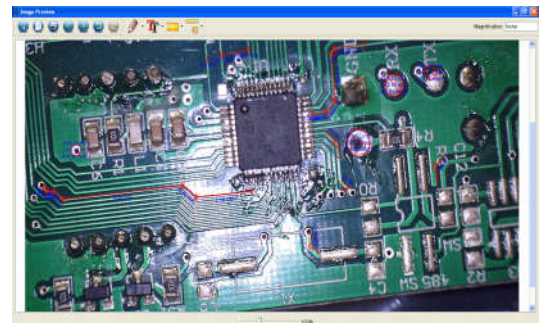
50X

100X

Leadfree & SMD Soldering QC Inspection

M1

Video Microscope Model MagnaPro12 for QC Inspection

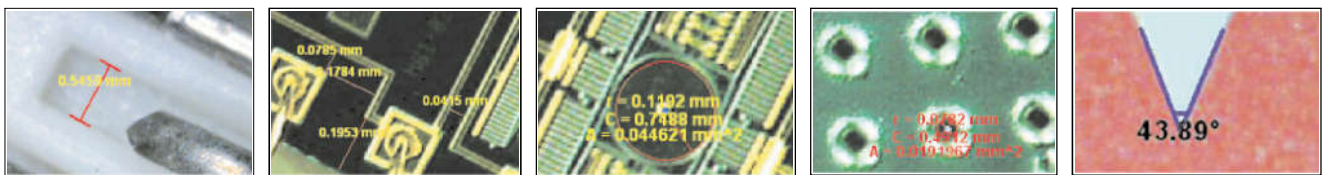**5 Megapixel USB type • Supplied with Measurement Software • Adjustable Stand**

INDE
reliable & caring since 1976

Measurement sample images taken with MagnaPRO12 Digital USB Video Microscope

| Component | PCB | Chip | Diameter | Distance | Hole | Metal |

Main menu of preview software screen

Main menu of Measurement software screen

Line: provides measurement from one point to other point

Continuous Line: provides measurement of multiple lines

Radius: provides measurement of radius, circumference & area of circle

Diameter Circle: measures diameter, circumference and area of circle

Angle: measures angle. Click and extend to desired angle

Salient Features:

- The USB connection eliminates the need for interface cards.
- The easy & convenient to use software for the collection and processing and measurement is included.
- Manual brightness control with software
- Calibration feature for accurate measurement

Specifications	
Image sensor	5 Mega Pixels (true resolution)
Still capture resolution	2592x1944, 2048x1536, 1600x1200, 1280x960
Video capture resolution	1280x960
Focus Range	Manual focus from 0mm to 150mm
Magnification Ratio	20x~200x and 300x
Video format	AVI
Photo format	JPEG
Light source	8 LED (adjustable by control wheel)
PC interface	USB2.0
Power source	5V DC from USB port
Operation system	Windows XP/Vista/Win7/ Win8/Mac 10.6~10.8
Bundle software	MicroCapture Pro
Size Microscope	110mm (L) x 33mm (R)
Professional Stand	165mm(L) x118mm(W)x12mm (H)