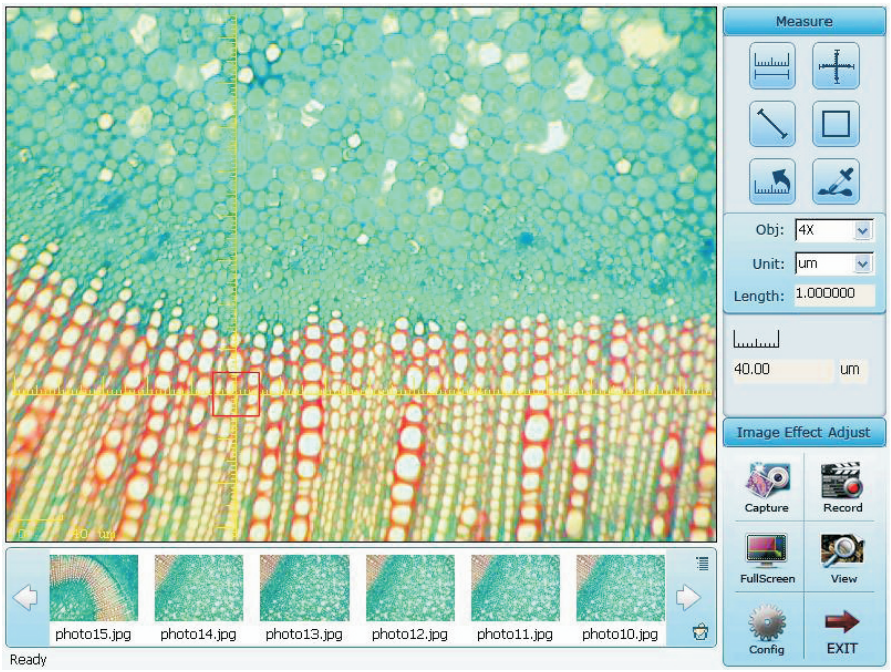
Type: MD-307

LCD Digital Microscope

This LCD digital microscope is a brand new system that has an embedded PC system. With a 8.4" TFT screen, friendly man-machine interface, powerful processing function (real-time preview, dynamic calibrating and measuring), multiple peripheral interfaces, and comfortable mechanical design; it becomes a new generation microscope and is easy to operate. So it is your good assistant in teaching, research and electronic checking.



since 1990

Specifications:

LCD Size	8.4 Inch TFT Touch Screen
Image Sensor	1/3.2 ℃MOS
Valid Pixel	1600×1200 (2.0M Pixel)
Digital Output	24–bit (color)
Image Format	
frame rate	1600×1200 7.5f/s
	800×600 30f/s
Sensitivity	1.8v@550um/lux/s
SNR	42.3dB
Dynamic Range	71dB
Exposure	Manual/Auto Exposure Process
Exposure Time	1～500ms, adjustable
White Balance	Manual/Auto White Balance
Operating System	Embedded operating system WinCE 5.0
Software	NMS
Software function	Real-time image preview, measure and so on.
Output	VGA, RCA, USB and Min USB, SD card, Audio, RJ-45,
Support	Mouse and external Keyboard

Viewing Head	Compensation Free binocular head,	
	30° inclined, Interpupillary 48-75mm	●
Eyepiece	Wide Field Eyepiece WF 10×/18	●
	Extra Wide Field Eyepiece EW10×/20 with Diopter Adjustment	○
Objective	Infinite Semi-plan Achromatic Objective 4×,10×, 40×, 100×	●
Nosepiece	Quadruple Nosepiece	●
Stage	Double Layers Mechanical Stage	
	140mm×140mm/ 75mm×50mm	●
Condenser	Sliding-in centerable condenser NA12.5	●
Focusing	Coaxial Coarse & Fine Adjustment, Moving Range 20mm	●
Lumination	6V/ 20W Halogen Lamp, Brightness Adjustable	●
Phase Contrast Kit		○
Dark Field Attachment		○

Note: ● Standard Outfit, ○ Optional

Ordering Information:

Article No.	Type	Description
0.408.840	Type MD 307	Digital Microscope
		with 8.4 " TFT-tochscreen and 4x, 10x, 40x, 100x Infinite
		Semi-Plan Achromatic Objectives

CE

TÜV International Certification TÜV THÜRINGEN CERT ISO 9001:2008 15 100 85361 TIC

made in Germany

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