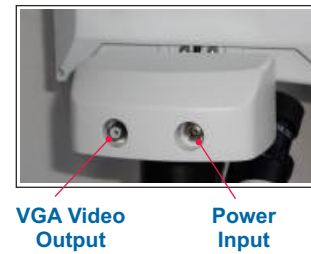
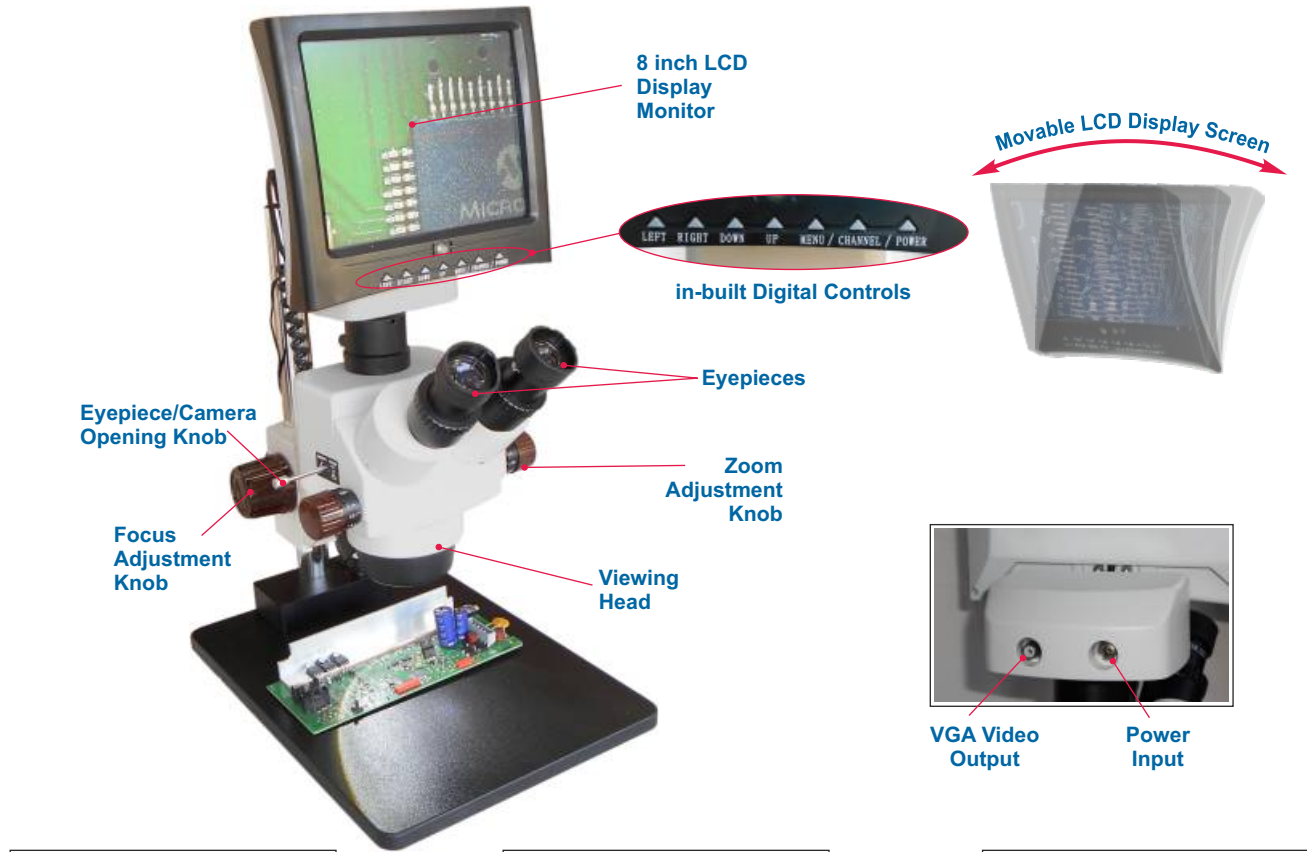


ITDM-3015 Combo Microscope innovates the traditional way of microscopic observation by adopting modern digital imaging as well as traditional binocular viewing. It makes QC observations comfortable and fatigue-free by using a combination of digital image capturing, Hi-resolution LCD display and giving high quality real imaging.



Switch between Video and Eyepiece View

You can alternate the eyepiece observation and video capture by pushing or pulling the pole.



Independent Diopter Adjustment for each ocular

provided on both ocular to correct for specific eye-vision of users



Adjustable Interpupillary Distance

Interpupillary distance can be adjusted for each user as per his requirement

Features:

- Zoom Microscope allows continuous magnification with clear images throughout the zoom range.
- Clear stereo images, wide field of view, long working distance
- Applications includes viewing of electronics PCB's, microelectronics, metal surfaces etc.
- Ease of use: Load the software, use the PC interface into USB port of Computer and start taking high magnification images upto 1024 x 768 pixel and videos.
- Camera with features like auto gain control, auto exposure, control, auto white balance control
- Fully packaged solution: It is a complete system with all elements configured to work with each other including stereo zoom microscope, camera, illumination, cables (user only needs to provide PC)

shown trademarks are property of their respective owners.

Warranty is 12 months from the date of invoice. It excludes any mechanically damaged part.

While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

Specifications of Digital Combo Microscope Model ITDM-3015

Display	: 8" (200mm) High Resolution LCD, Color
Device Dimension	: 1/3"
Horizontal Resolution	: 700TVline
Pixels	: 976(H)X582(V)
Scanning System	: 525 lines, 60 Frames/sec
Back Light Compensation	: Auto
Signal-to-Noise	: More than 46db
Gamma Characteristics	: 0.45
Minimum Illumination	: 3.1 Lux
Input Voltage	: 12V DC (9V-14V) thru supplied Adaptor
Power Consumption	: Less than 1.85W
Pixel Space Between	: 0.213mm
Visual Angle	: 170/170(H/V)
Horizontal	: 30-61KHz
Vertical	: 60-75Hz
Colour	: 16,777,216 colours
Highest Mode	: 1024X768@75Hze
Sync. Video Signal	: H/V Separate, TTL,P or N.0.7Vp-p@75ohm
Colour System	: PAL/NTSC4.43/NTSC3.58/SECAM
Sound System	: BG/DK/I/M
Video Input	: 1.0Vp-p@75ohm
Audio Input	: 500mVrms
Power Consumption	: 9W
Energy-saving	: <1.0W
Head	: Trinocular Head, Interpupillary Distance 55-75mm, 45° Inclined, 360° Rotatable, Diopter Adjustable on both Eyepiece Tubes
Eyepiece	: W10x/22mm
Total Magnification	: 7x ~ 135x
Objective	: 0.7x ~ 4.5x
Work Distance	: 100mm (max.)
Light Source	: LED Light
C-mount	: 1 x
Large Base	: 250 x 350 mm (approx.)
Focus	: Rack and Pinion Focusing, with hand wheels for fine focus adjustment Focusing Range:75mm

Warranty is 12 months from the date of invoice. It excludes all consumable parts and any physically damaged part.

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