

MICROSCOPE DIGITAL 12V TOC

MICROSCOPE WORLD

MODEL# DC3-163

Manufacturer's PHONE: (760) 942-0528 FAX: (760) 438-0553

Website: <http://www.microscopeworld.com/MSWorld/detail.aspx?ID=95>

AAC "L" ITEM NSN 6650-01-510-9488

UA: 505A

**USAMMA POC: Customer Relations Management, 301-619-4301/4316, DSN 343-4301/4316
UNIT PRICE: \$2,480.00**

System Description: Binocular digital and video high power microscope with built-in camera. Allows connection to either TV or LCD projector or to a computer through the USB port. Objective turret (nosepiece) is in reverse position to permit easier changing and positioning of specimen slides.

Features:

- Objective lenses: 4x, 10x, 40xR, 100xR, oil immersion
- Eyepieces: Widefield 10x/18mm eyepiece
- Total magnification: 40x, 100x, 400x, 1000x
- 30° inclined binocular eyepieces with dual diopters and interpupillary adjustment 54mm to 76mm. 3-position sliding rod directs light 100% to binocular eyepieces, or 100% to camera, or 70% to camera and 30% to binocular eyepieces
- Specimen stage: large 140mm x 135mm (5.5 x 5.25 inches) with built-in, low profile, ball bearing mounted mechanical specimen holder with low-position coaxial controls, 70mm (x) by 50mm (y) movement with graduations of 0.1mm. -1.25 NA Abbe condenser has rack & pinion focusing, iris diaphragm, swing-out filter holder with clear blue, green and yellow filters supplied
- Focusing: coaxial coarse and fine focusing controls, coarse has tension adjustment, fine is graduated
- Illumination: 12V 20watt halogen with variable rheostat control (embedded)
- Includes power pack that automatically converts input of 100-240VAC 50/60 Hz to 12VDC output. UL and CE listed



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MICROSCOPE DIGITAL 12V PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

		Item	Shipping
Dimensions	Height	16 inches	23 inches
	Width	7.25 inches	12 inches
	Depth	9.25 inches	18 inches
Cube		0.6 cu ft	2.9 cu fft
Weight		13.9 lb	21 lb
Operating Temperature		-50°F to 120°F	
Storage Temperature		-70°F to 140°F	
Relative Humidity		40% to 95%	
Power Requirements	12VDC power convertor uses	100-240VAC 50/60Hz	

CAMERA SPECIFICATIONS

- 0.4 mega pixel camera built into microscope
- 1/3" CCD Imaging Device
- Connects to computer via USB 2.0 Port – self-powered through computer
- Connects to TV or LCD projector with RCA or S-Video connection (NTSC Analog signal) – 480 TV lines
- Captures moving images at 30 frames per second
- Effective pixels 712 x 582
- Includes [Motic Images Version 2.0 Software](#) (click to download)
- Images can be captured and saved as either .jpg, .bmp or .mig files

SYSTEM REQUIREMENTS

- Windows 98 or above, MAC 9.2. If you are using Windows XP, your computer must have a minimum of 256 MB of RAM for Motic Images to operate properly
- **Will NOT work with Windows VISTA or 64 Bit Systems!**
- Intel Pentium
- CPU 200 MHz or above
- RAM 128 MB or above
- Hard disk 200 MB or above
- CD-ROM drive
- USB plug

MICROSCOPE DIGITAL 12V (START-UP)

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	DIST/MFG	Shelf Life, months	Refrig Y/N
6650015109488		Microscope digital 12V	DC3-163	1	EA	\$2,480.00	\$2,480.00	Microscope World	indef	N
	See Resupply	Cable, video signal		1	EA	Included w/ 9488 NSN	Included w/ 9488 NSN	Microscope World	indef	N
	See Resupply	Cable, USB		1	EA	Included w/ 9488 NSN	Included w/ 9488 NSN	Microscope World	indef	N
	Hyperlink available below	Software, Motic Images version 2.0	D-CD2	1	EA	Included w/ 9488 NSN	Included w/ 9488 NSN	Microscope World	indef	N
		Cord, power w/power supply convertor	D-905	1	EA	included w/ 9488 NSN	Included w/ 9488 NSN	Microscope World	indef	N

NOTE: CLICK TO DOWNLOAD SOFTWARE, MOTIC IMAGES 2.0
<http://www.microscopeworld.com/MSWorld/software.aspx>

NOTE: CLICK FOR DC3-163 SUPPLEMENTAL INSTRUCTION INFORMATION
<http://www.nationaloptical.com/products/PDF%20Supplement%20Guides/SupplementDC3-156-S.DC3-163.DC3-420TH.DAC-3.pdf>

NOTE: CLICK FOR MICROSCOPE DIAGRAM
<http://www.nationaloptical.com/products/PDF%20Microscope%20Diagrams/DC3-163Diagram.pdf>

NOTE: CLICK FOR DETAILED MICROSCOPE INFORMATION
<http://www.nationaloptical.com/products/digital/models/DC3-163.html>