Data Sheet

Monocular Digital Biological Microscope

- Megapixel CMOS camera
- Built-in LED illumination
- 3x objectives
- Robust design

This microscope is a USB output digital camera version of our popular MS1020 microscope. Features a robust design, 1.3 megapixel CMOS camera, 3x objectives and built-in LED illumination.

Specifications	
Sensor	1.3 Megapixel CMOS
Resolution	1280x1024 Effective Pixels
Frame Rate	16 FPS @1280x1024
Pixel Size	5.2um x 5.2um
Data Interface	USB 2.0 - Windows2000/XP
Max Magnification	400X
Viewing Head	Monocular head, 45° inclined, 360° rotating
Eyepiece	Wide Field (WF) 10X - 18mm
Objective 1	Din achromatic 4X / NA0.10
Objective 2	Din achromatic 10X / NA0.25
Objective 3	Din achromatic 40X / NA0.65
Nosepiece	Triple Nosepiece with positive click stopper
Stage	Metal stage 110mm x 120mm with paired clips
Diaphragm	Iris Diaphragm
Condenser	NA1.25 Abbe Condenser
Illumination	LED Lamps, Ni-MH Rechargeable, AC adaptor
Power (Camera)	USB 2.0 Lighting
Power (Illumination)	Battery or AC adaptor





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M\$1020-DM

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Insert the MS1020-DM Digital Biological Microscope installation disk into the disk drive.

Select 'Open folder to view files' from the Auto-Play pop-up box

or

Go to My Computer and open your disk drive.

Select and Open the 'TCA-1.31C Driver Setup.exe'

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Name	Date modified	Туре	Size	
Files Currently on the Disc (6)				
🔁 Camera Quickguide	1/09/2010 12:26 PM	Adobe Acrobat D	287 KB	
MS1020-DMDC1v2	3/01/2012 2:50 PM	Adobe Acrobat D.,	5,210 KB	
19 TCA-1.31C Driver Setup	20/08/2010 12:31	Application	836 KB	
TCA-3.0C Driver Setup	20/08/2010 12:32	Application	836 KB	
Tsview 1.0.0.1	20/08/2010 4:57 PM	Application	3,762 KB	
TSview User's manual	31/08/2010 4:22 PM	Adobe Acrobat D	3,123 #38	
Files Ready to Be Written to th	e Disc (1)			
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Select and Open the '

Follow the prompts and click Finish when the setup is

Click Yes to allow the installation to proceed.

complete.

NOTE: Administrative Rights are required to take this action; please contact your system administrator if you cannot proceed.

Select and Open the 'TCA-3.0C Driver Setup.exe'

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ed: 20/08/2010 12:32 PM Date or: 835 KB

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TCA-3.0C Driver Setup

M\$1020-DM

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- Follow the prompts and click Finish when the setup is complete.

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👔 desktop	28/02/2012 11:41	Configuration sett	1.08	



Select and Open the 'Tsview 1.0.0.1.exe'

NOTE: Administrative Rights are required to take this action; please contact your system administrator if you cannot proceed.

- Click Yes to allow the installation to proceed.
- Follow the prompts and click Finish when the setup is complete.

NOTE: The MS1020-DM Digital Biological Microscope must be plugged into the computers USB port to open the software.

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