

DIGITAL TRAVELLING MICROSCOPE

Our Digital Travelling Microscope is ideal for anyone with impaired vision wishing to perform tasks at a greater distance than spectacles or hand magnifiers with the same power.



* Image can be differ due to regular product & technology update

Main Technical Specifications		Model HDTM-200
Working Distance Range	200-2000 mm	
FOV	Min. 1000 μ for 1/4" CCD @ 200 mm working distance	
Magnification	>/- Variable with 5X as standard	
Resolution	1 micron	
Illumination Options	Co-axial with the viewing tube	
Illumination Type	White 3 W LED lighting	
Travel	<u>Vertical Travel</u> Max. 1100 mm or more; 500 mm using rack and pinion and 600 mm slide movement. <u>X – Y movement</u> 25 mm with 10 μ resolution	
Rotation (roll)	45 Deg.	
Rotation (Yaw)	360 Deg.	
Camera type	1/2.5" CMOS	
Data acquisition	Yes	
Active image size	5.70mm x 4.28mm, 7.13mm diagonal	
Active pixels	2592 x 1944 (5Mp)	
Pixel size	2.2 x 2.2 μ m	
Shutter type	Global reset release (GRR), Snapshot only, electronic rolling shutter (ERS)	
Power consumption	381mW at 15 fps full resolution	
Standard Accessories		
Tripod Stand with adjustable legs	Yes	
Rack and pinion	Yes	