

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 ¼" 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. |
| | X – Y movement |
| | 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 μm |
| 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 |

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