# OptiMAT

## OptiMAT Series Collimators & Electric Telescope



OptiMAT                                    /

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The **OptiMAT** series Collimators & Electric Telescope integrates high resolution image sensors and large field electronic viewfinder technology . This series of products, features a compact design and USB 2.0 high speed interface, is ideal replacement for optical telescope for factories and labs.

The new ergonomically adapted measurement software ensures a maximum usability with complete functionality.

(Software Support)

■ (Video Image Display)

■ (Electronic Reticle);

■ (Multiple Reticle);

(Typical Applications)

■ (Assembly and adjustment of optical components like mirrors, prisms, windows, wedges etc.);

■ (Alignment of components for the beam control in high energy physics);

## OptiMAT Series Telescopes

*Measure with Precision*
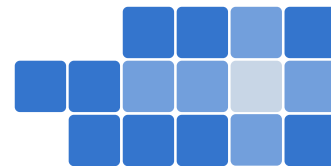
**(Specifications)**

| Order Number | CM-100 | CM-150 | CM-200 | CM-300 |
|---|---|---|---|---|
| (Focal Length) | 100mm | 150mm | 200mm | 300mm |
| (Lens Diameter) | 38.1mm (NA. = 85%) | | | |
| (Light Source) | LED Light Source ( λ=630nm) | | | |
| (Sensors) | (High Resolution Image Sensors) | | | |
| (Viewfinder) | (Electronic Viewfinder) | | | |
| (Measuring Frequency) | 7.5Hz TYP. | | | |
| (Interface) | USB 2.0 High Speed Interface | | | |
| (Measuring Distance) | 10　(10 meter MAX.) | | | |
| (Viewing Range) | 3º | 2º | 1.5º | 1º |
| (Resolution) | 10.8" | 7.2" | 5.4" | 3.6" |
| (Dimensions) | 175mm/225mm/275mm/375mm (L)×60mm (W)×100mm (H) | | | |

**(Features)**

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- ■
      (Multiple Reticles)
- ■　　　　　　　　　(High resolution image Sensor);
- ■　　　　LED　　(Long life Light Sources);
- ■　　　　　　(Digital image processing technology);
- ■　　　　　USB　　(USB 2.0 high speed interface);
- ■　　　　　(Compact design);
- ■　　　　　　(Rich accessories);