



Compact Electronic Auto-Collimators

CM-2038-B

The **AutoMAT CM-B series** is an alternative version of the robust and compact CM series of autocollimators. This series of products, are designed with integrated power supply and control within a single USB cable and also maintain the perfect balance between cost and performance purpose, while with easy operation and high reliability features make it well suited for field test and measurement in mechanical and optical applications.

Features

- Compact Design
- Magnetic Mirror & Adjustable Holder as STD accessory
- Dual-axis measurements
- Electronic viewfinder
- LED Light Sources
- USB Powered, no need for power supply adapter
- Rich accessories



Specifications

型号	Order Number	CM-1538-B	CM-2038-B
物镜焦距 (Focal Length)		150mm	200mm
物镜口径 (Lens Diameter)		38.1mm (NA. = 85%)	
光源类型 (Light Source)		大功率半导体光源 LED Light Source (中心波长 $\lambda=630\text{nm}$)	
探测器 (Sensors)		高分辨率图像传感器 (High Resolution Image Sensors)	
目镜 (Viewfinder)		软件显示的电子目镜 (Electronic Viewfinder with Software Crosshair)	
测量频响 (Measuring Frequency)		7.5Hz TYP.	
接口 (Interface)		USB 2.0 High Speed Interface with power supply	
测量距离 (Measuring Distance)		10米 (10 meter MAX.)	
最大读数视场 (Measuring Range)		4000"×3200" (arc sec. 角秒)	3000"×2400" (arc sec. 角秒)
分辨率 (Resolution)		0.1" (arc sec. 角秒)	
测量精度 (Accuracy) ^[1]		1" (arc sec. 角秒)	
外形尺寸 (Dimensions) ^[2]		230mm(L)×75mm(W)×105mm(H)	280mm(L)×75mm(W)×105mm(H)
重量 (Weight) ^[2]		1.8KG	2.1KG

[1] 测量精度指标按照 $\pm 1000''$ (角秒)且测量距离<1米范围界定 (Accuracy specification is in $\pm 1000''$ (arcsec.) range and <1 meter working distance.)

[2] 包含底座尺寸及重量 (Holder Included.)