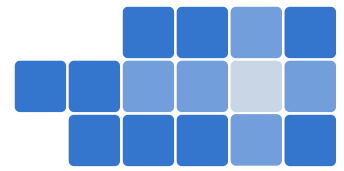


AngleMAT系列比较测角仪 AngleMAT Series Products



AngleMAT系列光电测角仪是一系列高性价比的比较式测角仪产品，该产品由光电自准直仪、底座、支臂和选配的附件等组成。支臂可在 0° 至 90° 范围内连续微调，结合专用的测量仪软件，可对各类棱镜、平晶、窗口等平面光学元件进行角度测量。



The **AngleMAT** series is also known as comparison goniometers and is primarily used to measure prisms and other plano-optical components in production environment.

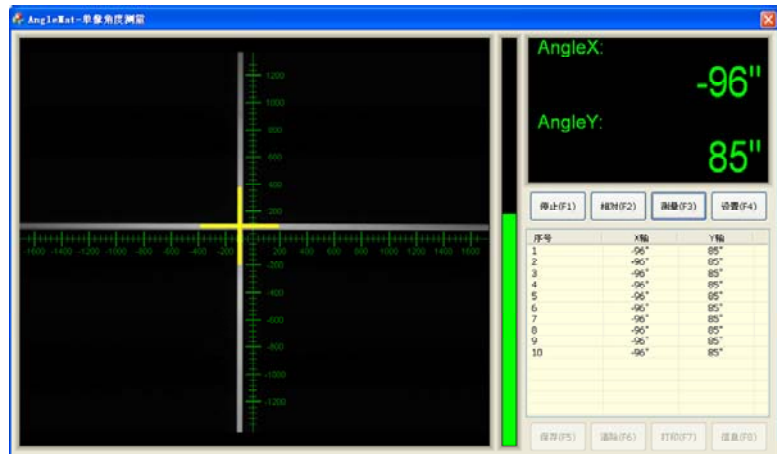
This series of instruments can measure any angles, however, using a reference prism with a known angle. The results are given as a difference to the master prism or as absolute value of the measured angle.

产品特性 (Features)

- ±0.5秒光学测角精度 (Up to ±0.5 arcsec angle measurement accuracy);
- 最大值测量或X、Y双轴独立测量 (Max. error or dual-axis error measurements);
- 高分辨率图像传感器 (High resolution image Sensor);
- 软件直接显示测量结果，无需人工读数 (Software calculated measurement results automatically);
- 可打印的测量报表 (Printable measurement report);
- 长寿命LED光源 (Long life Light Sources);
- 全数字信号处理 (Digital image processing);
- 即插即用USB接口 (USB 2.0 high speed interface);
- 小型化设计 (Compact design);
- 低成本 (Low cost);

典型应用 (Typical Applications)

- 光学棱镜检测 (Prism measurement);
- 光学窗口及平晶测量 (Measurements for optical windows or optical flat);
- 平行度及双像差检测 (Parallelism or double-image error);



规格 (Specifications)

型号	Order Number	AngleMAT PM-300S
物镜焦距 (Focal Length)		300mm
物镜口径 (Lens Diameter)		45mm (NA. = 90%)
光源类型 (Light Source)		大功率半导体光源 LED Light Source (中心波长 λ=630nm)
探测器 (Sensors)		高分辨率图像传感器 (High Resolution Image Sensor)
目镜 (Viewfinder)		实时视频影像 (Real-time Video Display)
测量频响 (Measuring Frequency)		3Hz TYP.
接口 (Interface)		USB 2.0 High Speed Interface
最大读数视场 (Measuring Range)		1600" (arc sec. 角秒) × 1200" (arc sec. 角秒)
分辨率 (Resolution)		0.01" (arc sec. 角秒)
精度 (Accuracy)		±0.5" (arc sec. 角秒)
重复性 (Repeatability)		0.2" (arc sec. 角秒)
工作台尺寸 (Stage Table Dimensions)		500mm(L) × 300mm(W)
支臂调节范围 (Adjustable Range)		0° ~ 90°
重量 (Weight)		30KG
选配件 (Optional Accessories)		ZT100 旋转工作台 PT130 微调旋转工作台