

OPTICAL UPGRADE KIT AET-MS-60



The Kit AET-MS-60 employs optics as holographic two-point rapid focusing method, measuring angles and direction for distance evaluation. The system also incorporates an attitude sensor to calculate and determine positional data. Azimuth correction is achieved through multiple parameters. Al Efah Technology proudly presents this Optical Upgrade Kit, designed for Accurate measurements of elevation and azimuth angles with much higher accuracy. It is used in student training for area survey. Four versions are available to accommodate different mounting preferences of your Thedolight.

This kit represents the most cost-effective optical upgrade solution currently on the market. Through our partnership with Chinese manufacturers, we are now able to offer this kit to students at a significantly reduced cost compared to what was previously available from Western suppliers.

Specifications

Specification	MC01	MC02	MC03	MC01-1	MC02-1	MC03-1
Magnification	2x	2x	2x	2x	2x	2x
Field of view	11°	11°	11°	11°	11°	11°
Exit pupil diameter	4mm	4mm	4mm	4mm	4mm	4mm
Exit pupil distance	20mm	20mm	20mm	20mm	20mm	20mm
Direction correction range	6000mil	6000mil	6000mil	±200mil	±200mil	±200mil
Direction correction accuracy	≤3 mil	≤3 mil	≤3 mil	≤3 mil	≤3 mil	≤3 mil
High & low mounting range	45°~85°	45°~85°	45°~85°	45°~85°	45°~85°	45°~85°
High and low table accuracy	≤2mil	≤2mil	≤2mil	≤2mil	≤2mil	≤2mil
Weight	≤450g	≤450g	≤500g	≤400g	≤450g	≤450g

Key features

- **Precision Dual-Axis Adjustment:** It provides precise elevation from 45 to 85° and azimuth correction within a ±200 mil range.
- **Robust Optical scope:** Features a 2x magnification and 11° field of view for clear target acquisition. Its optical system projects a collimated image for fast and accurate aiming.
- **Integrated Night Illuminator:** An optional illuminator lights the graduation lines and bubble, enabling effective nighttime operations.
- **Durable and Field-Ready Construction:** Built to perform reliably in extreme temperatures.