



K-Reference LED bar



A guarantee for reliable Optical CMM measurement

Features & Benefits

THE K-REFERENCE LED BAR IS AN EASY-TO-USE VERIFICATION AND QUALIFICATION TOOL TO GUARANTEE AND IMPROVE THE DIMENSIONAL ACCURACY OF K-SERIES OPTICAL CMMs. AN EFFICIENT AND ERROR-FREE K-REFERENCE QUALIFICATION ROUTINE IS ESSENTIAL WHEN THE TEMPERATURE IN THE MEASUREMENT ENVIRONMENT VARIES BY MORE THAN 5°C (9°F), OR AFTER TRANSPORTATION OF THE METROLOGY SYSTEM.

A QUICK, ON-SITE QUALIFICATION ROUTINE

While holding the lightweight K-Reference LED bar, the K-Series Optical CMM dynamically tracks the infra-red LEDs at both ends of the calibrated carbon fiber bar. The 3D environment of the user interface guides the user to hold the bar in different positions at multiple locations in the camera measurement volume. For each position a measurement is then captured in a few seconds.

BENEFITS

- Operator independent qualification routine
- Quick handheld operation instead of using a fixed tripod
- No special training required
- Interactive workflow guided by 3D GUI
- Coverage of entire measurement volume
- Productivity increase up to a factor 4 compared to classic K-Reference

COMPLETE PROCEDURE DURATION

	Setup	Measurement
Classic K-Reference	6 min	6 min
K-Reference LED bar	0 min	3 min

PRODUCT CODES

FANT-020-075	K-Reference LED bar kit, including: <ul style="list-style-type: none"> • K-Reference LED bar for K-Series qualification • Strober cable • Calibration certificate • Flight case
ASUP-010-012	K-CMM upgrade to latest version from version 6.x
ASUP-010-011	K-CMM upgrade to latest version from version 5.x

RELATED K-SERIES PRODUCTS

- K-Scan MMD - Ultimate freedom and productivity in handheld laser scanning
- K-CMM 6.5
 - Support for K-Scan MMD
 - Dual camera system to enlarge measurement volume
- DMM 3.1 - Real-time dynamic measurement for deformation, vibration and part tracking applications

