

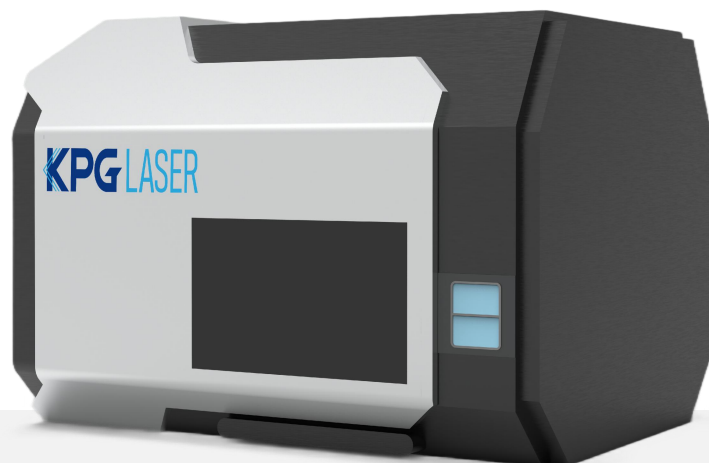


Fiber Inspection

KPG-FMD-8X

KPG LASER

The KPG-FMD-8X intelligent inspection system handles dimensional deviations, hole positions, concentricity, and visual defects in precision optical components with high accuracy, speed, and stability. It enables fully automated inspection, replacing manual methods to significantly boost efficiency and accuracy in component testing.



Features

- Accuracy up to $\pm 0.1 \mu\text{m}$
- Non-contact inspection
- Applicable to MT ferrule / MT-FA / MPO / MTD / FA/ VG, etc.

Parameter	Specification
Measurement Subject	MT/ MPO / MTD / FA / VG
Microscope	High NA microscopy system
Accuracy	$\pm 0.1 \mu\text{m}$
Camera Pixel Size	$2.74 \mu\text{m}$
Repeatability	$3\sigma \leq 0.1 \mu\text{m}$
Auto Stage Controller	X, Y, Z-axis stage control

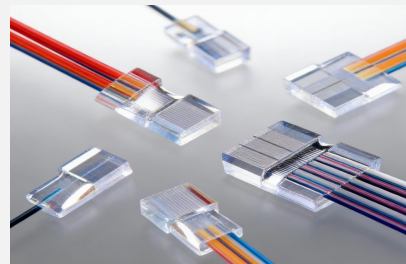
Application



Fiber



MT / MPO



FA / VG



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