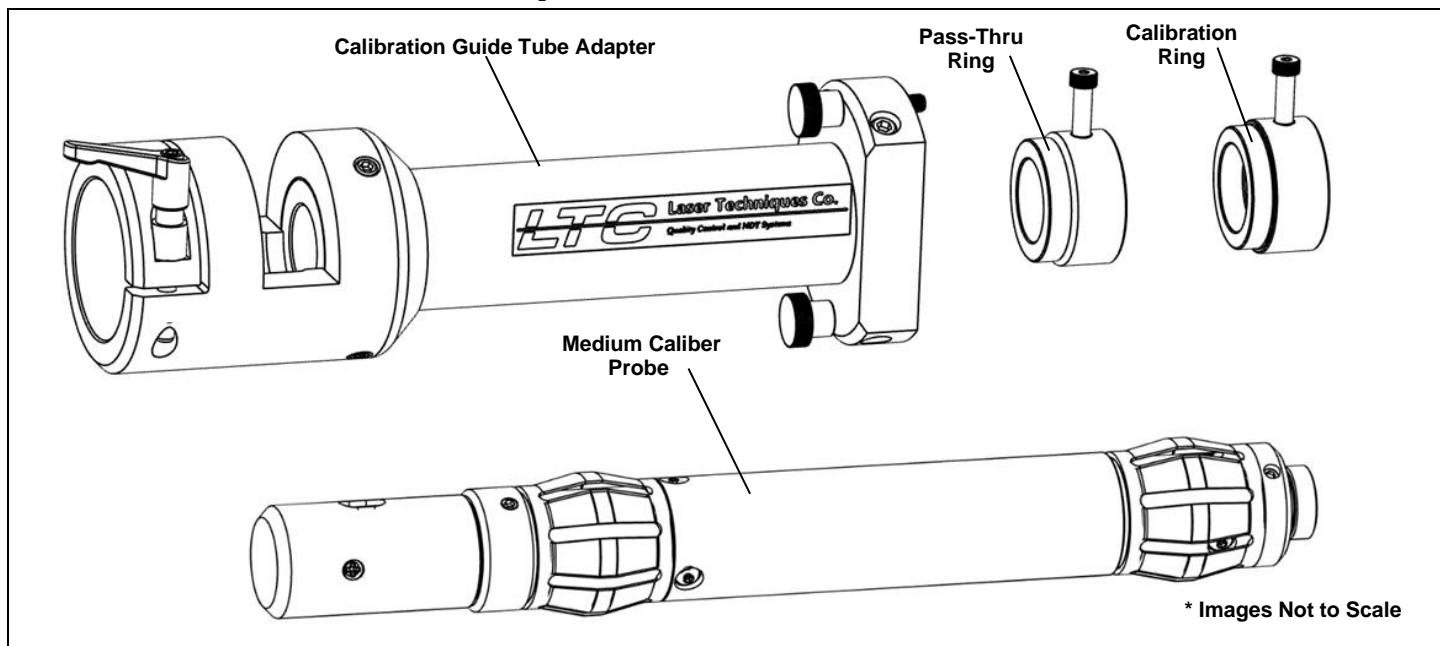


BEMIS-MC™ 20-30mm Specification Sheet



Medium Caliber Kit

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| <ul style="list-style-type: none"> • Laser Profilometry Probe • Guide Tube Adapter and Calibration Set | <ul style="list-style-type: none"> • Instruction Manuals • Hard Sided Shipping Cases |
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Key Specifications

Axial Scan Resolution:	Adjustable, 0.25 mm (0.01 inch) minimum	Laser Power:	< 5 mW
Rotary Scan Resolution:	Adjustable, 0.05 mm (0.002 inch) minimum	Laser Power Classification:	IEC Class 3R
Sensor Resolution:	0.005 mm (0.0002 inch)	Laser Spot Size:	0.050 mm (0.002 inch)
Measurement Repeatability:	0.012 mm (0.0005 inch) (typical)	Calibration Ring Certification:	NIST Traceable, A2LA-Accredited: ISO-17025 and ANSI/NCSL Z540-1-1994 Standards
Measurement Accuracy:	0.025 mm (0.001 inch) (typical)	Connector	HR-10
Power:	110/240 VAC – 50/60 Hz		

Available Bore Sizes [20-30 mm]

Bore Size	20 mm	25 mm	30 mm
Laser Measurement Range	18.39 - 22.00 mm (0.724 - 0.866 inch)	23.46 - 27.53 mm (0.924 - 1.084 inch)	28.58 - 32.64 mm (1.125 - 1.285 inch)
Centering Device Range	20.0 ± 0.2 mm (0.787 ± 0.008 inch)	25.0 ± 0.2 mm (0.984 ± 0.008 inch)	30.0 ± 0.2 mm (1.181 ± 0.008 inch)