

KD-CH-IVD Calibration Fixture

Capacitance and Fotonic Calibration Fixture

Useful for ensuring a probe and amplifier combination has the correct calibration or to determine a calibration sensitivity factor if it is unknown.



Product Overview

Combination of precision micrometer and probe clamping fixture that can be used horizontally or vertically. It is useful for ensuring a probe and amplifier combination has the correct calibration or to determine a calibration sensitivity factor if it is unknown. The micrometer has an auto zero feature and offset capabilities to facilitate easy calibration verification.

Useful for What Types of Applications

Checking the calibration of capacitance probes, capacitance amplifiers, Fotonic probes and plug in modules. It has been used to determine the sensitivity factor of Fotonic probes in water and to determine the calibration factor (k) of dielectric materials as well as simply verifying a probe is functioning correctly.

Feature	Capability	Benefit
Precision micrometer	1 μ m resolution	Probe accuracy verification
Probe clamp	< 1mm to 25 mm	No additional clamps needed

Specifications

Specification	Inches	Millimeters
Resolution	0.00005	0.001
Accuracy	± 0.00015	± 0.0038
Linear Travel	0.80	20
Target Diameter	1.75	44.5
Target Material	303 Stainless	
Length (Approximate)	9.5	241
Width (Approximate)	2.5	63.5
Height (Approximate)	3.7	93



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