

METRIX ID

FOR THE MOST DEMANDING INNER DIAMETER CONTROL



ACCURATE AND PRECISE DIAMETER MEASUREMENTS

Down to micrometers or better, and low R&R

VERSATILE MEASUREMENT

Adaptable to parts of varying diameters, shapes, and control depths. One base unit can be connected to various sensors for multiple measurements.

FAST AND EASY CONTROL

Quick testing (within seconds), independent of the operator's skills

MADE-TO-MEASURE ANYWHERE

Installation possible in any work environment

METRIX ID FOR SMALL APERTURES

Measurable diameter	0.2 to 3 mm (others on request)
Measurement uncertainty	+/-10 to +/-150 μm^*

METRIX ID FOR LARGER BORES OR TUBES

Measurable diameter	2 to 300 mm
Measurement uncertainty	+/-0.1 to +/-3 μm^{**}
Controllable tolerance interval	15 to 200 μm

GENERAL

Type of control	Diameter, Conicity, Ovalization
Measurement cycle time	Within seconds
Dimensions of the base unit (H / D / L)	330 / 185 / 95 mm

* Depends on the measured diameter and on the calibrant's dimension uncertainty

** Depends on the tolerance interval to be controlled, and the standard part's dimension uncertainty