

# METRIX OD

FOR PRECISE OUTER DIAMETER CONTROL



## ACCURATE AND PRECISE DIAMETER MEASUREMENTS

down to micrometers or better, and low R&R

## FAST AND EASY CONTROL

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

## ULTRA HIGH PRECISION

with contact (tactile) transducers, also allowing for more measurement points over a smaller area

## PRESERVATION OF THE CONTROLLED PART'S INTEGRITY

with contactless pneumatic sensors, that can also be used for online continuous control

## UNATTENDED OPERATION

with automation, allowing operators to focus on value-added work

### CONTACTLESS

Technology	Pneumatic
Measurement uncertainty – moving part	+/- 5 µm or better
Measurement uncertainty – static part	+/-0.1 to +/-3 µm*

### CONTACT

Technology	LVDT
Tactile transducers resolution	0.1 µm
Measurement uncertainty – static part	+/- 5 µm or better

### GENERAL

Type of control	Diameter, Concentricity and more on request
Measurement cycle time	Within seconds

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