CRN-LN8

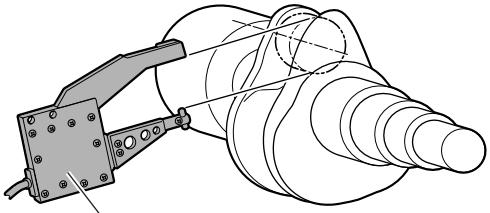
Thin Outer Diameter Measuring Head



Application

Measurement of crank pin outer diameter

Enables easy measurement in narrow locations (crank pin outer diameter, etc.). Automatic measurement can be performed if diameter difference is within ϕ8mm.



Long-displacement thin-type measuring head for grinding a crank-pin

Configurations

- PULCOM V7 with size shift function
- PULCOM V10A with size shift function

Features

Head is Only 9mm Thick

This space-saving head is ideal for precision measurements on compact machines.

Completely Waterproof Structure

The head can be used for on or off the machine applications.

Auto Zero Set for Different Diameters within 8mm

Changing of setup for diameters within 8mm is fully automatic. Zero set can be performed by input of the signal to the control unit.

Compatible with 40 Sizes

By combining the CRN-LN8 and the PULCOM V7 or V10A with the size shift function, 40 different types of workpieces can be automatically measured.

Note: A fulcrum to allow floating of the overall unit is required behind this measuring head.

Specifications

Model	CRN-LN8
Product Code	0953450
Measuring range	ϕ35 - ϕ65mm (by changing finger)
Continuous measuring range	Max. ϕ8mm
Stroke	9.5mm
Front travel	4.5mm
Linear range	±4000μm
Repeatability	2μm
Measuring force	1 - 2.5 N
Cable length	3m, 16m
Head weight	0.5 kg
Waterproof standard	IP67 compliant
Applicable control unit	V7 or V10A with size shift function