



Length Diameter Measurement System

Model LDS-320

- Cost Effective
- Compact and Easy to Use
- Non-contact Inspection



GENERAL INFORMATION

Designed specifically for catheter balloons, Interface Associates' **Length Diameter Measurement System, LDS-320**, offers an accurate, non-contact, low cost technique for catheter balloon dimensional inspection. It eliminates errors associated with manual contact measurements, as well as, variations due to operator skills.

The LDS-320 includes an easy to use mounting and clamping fixture which allows for easy balloon pressurization. Along with the Pressure Controller, PC-200, inflation pressure control, to within 0.1 BAR, is accomplished through the use of one simple control.

An axial slide, with a built in Mitutoyo Digimatic linear gauge, mounted on a Keyence Model 7501 LED measurement system, allows for easy axial length and radial diameter measurement. The two measurement techniques also allow for easy calculation of taper length.

The LDS-320 with the PC-200 will deliver the most accurate and repeatable results and ensure unsurpassed efficiency and quality in your balloon development and production.

SPECIFICATIONS

Pressure Control Range	0-200 PSI (13.5 Bar)
Accuracy	1.5 PSI (0.1 Bar)
Pressure Medium	Shop Air (100 PSI)
Diameter Measurement Range	0.3 - 30mm
Accuracy	+/- .02mm
Axial Length Measurement Range	0.3 - 200mm
Accuracy	+/- .02mm

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