

Metron™

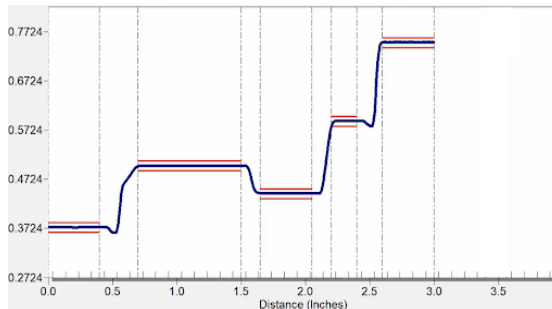
Automated Inspection of catheters, guidewires, medical tubes, and other cylindrical products



Complete, accurate dimensional inspection with rapid data collection and tolerance verification



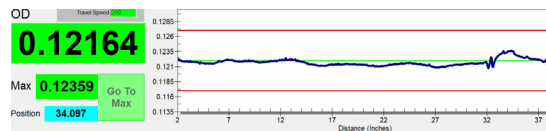
MPH: automated motorized part holder with part loading and positioning for longer parts



Evaluate length-based regions of interest against predefined specifications



MPR: automated motorized chuck rotates the part to measure up to 360° around the product



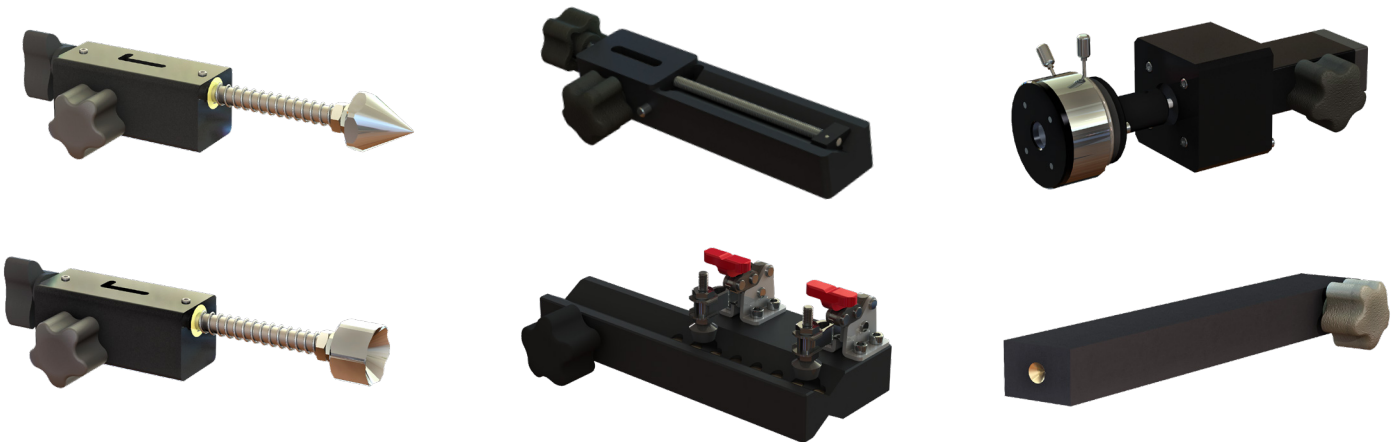
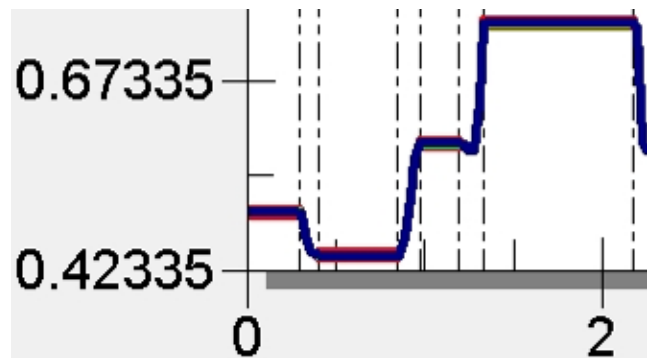
Automated mandrel detection ensures that only the product's OD is collected

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Features and Benefits

- Measurement of parts up to 72-inches [1.8m] long with diameters from 0.004" – 1.15" [0.102mm – 29.2mm]
- Customizable and repeatable off-line measurement of cylindrical parts
- Statistical Process Control (SPC) and data logging with customizable Excel™ reports
- Automatic location of the start and end of product on a mandrel
- Integration with Total Vu™ HMI, allowing for easy visualization of dimensions and profiles
- Multiple holding solutions to accommodate many product types

	Zone 1 OD	Zone 1 Ovality	Zone 2 OD	Zone 2 Ovality
USL	0.379	0.001	0.508	0.001
Nom	0.375	0	0.5	0
LSL	0.371	0	0.492	0
Samples	352	352	235	235
Average	0.37435	0.00021	0.50008	0.00023
Max	0.37443	0.00044	0.50017	0.00036
Min	0.37424	0.00011	0.5	0.00015
Range	0.0002	0.00033	0.00017	0.00021
St. Dev	0.00005	0.00007	0.00003	0.00004



Micrometer Included	Minimum OD	Maximum OD	Scan Rate
Triton330	0.102mm – 0.004"	29.2mm – 1.15"	300 HZ

