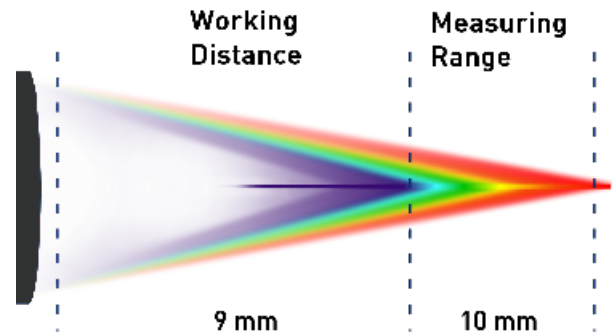
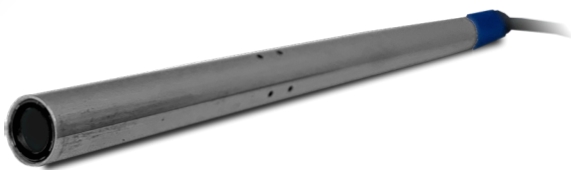


ENDO 10/D8-L

NEW
2020

MARPOSS STIL

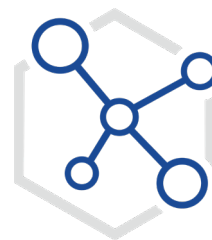
Chromatic Confocal Controller



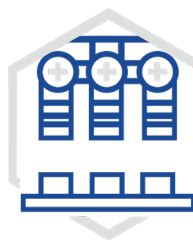
Working with any STIL optoelectronic controller, the ENDO series allows precise measurements with a sub-micron resolution.

- Small external diameters (from 4mm to 8mm), ideal for the integration of several sensors
- Axial or radial screws with 90 degree return
- Lightweight and compact for easy integration

All materials



Industrial



Accurate measurement

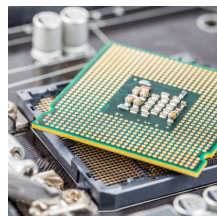


DESIGNED FOR

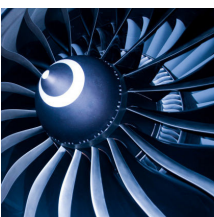
Mechanics



Semiconductors



Aerospace

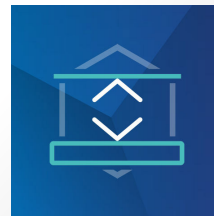


Glass



PERFECT FOR

Distance



Dimension



Thickness



Shape



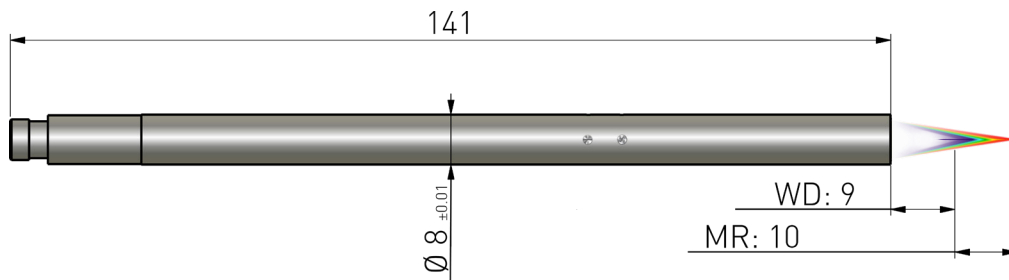
ENDO 10/D8-L

NEW
2020

MARPOSS STIL

Chromatic Confocal Controller

DIMENSIONAL DRAWING*



Nota: All dimensions are in mm

SPECIFICATIONS*

Product	Unit	ENDO 10/D8-L
Order code		O3PS0383001
Measuring Range	mm	10
Working Distance	mm	9
Numerical aperture		0.1
Max. sample slope	°	± 4.5
Axial model		Axial
Max. linearity error**	µm	± 1
Static noise**	nm	900
Axial resolution**	µm	5.4
Lateral resolution	µm	17.5
Spot size	µm	35
Photometric efficiency		28
Min. measurable thickness***	µm	900
Length	mm	141
Diameter	mm	8
Weight	g	26

** With CCS electronics (PRIMA & OPTIMA+)

*** Typical value considering a layer of glass, i.e. considering a refractive index n=1.51

* Specifications are subject to modifications

ASSOCIATED WITH INTEGRATED OPTICAL FIBER



- 3 m optical fiber included with E2000 connector
- Special fiber length available on demand

CONTROLLER



- ZENITH
- PRIMA, - OPTIMA +
- PRIMA 2
- LIGHTMASTER
- STIL-DUO

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