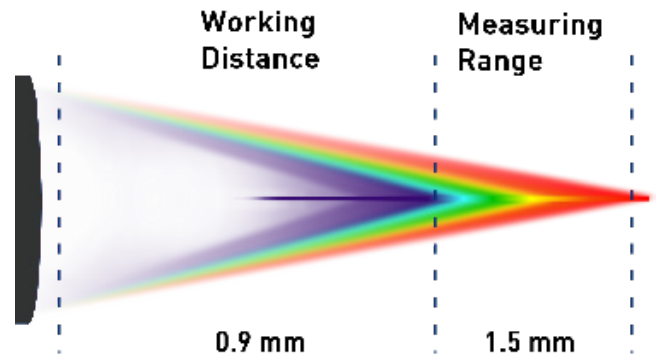


ENDO 1.5/D6-R

NEW
2020

MARPOSS STIL

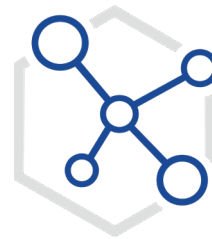
Chromatic Confocal Controller



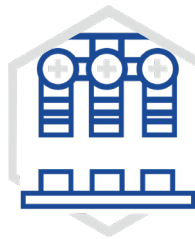
Working with any STIL optoelectronic controller, the ENDO series allows precise measurements with a sub-micron resolution.

- 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

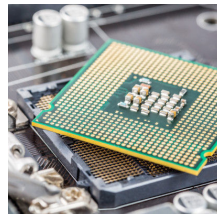


DESIGNED FOR

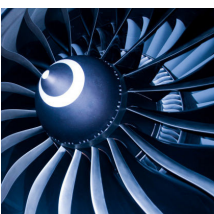
Mechanics



Semiconductors



Aerospace

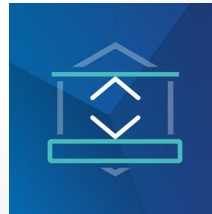


Glass



PERFECT FOR

Distance



Dimension



Thickness



Shape



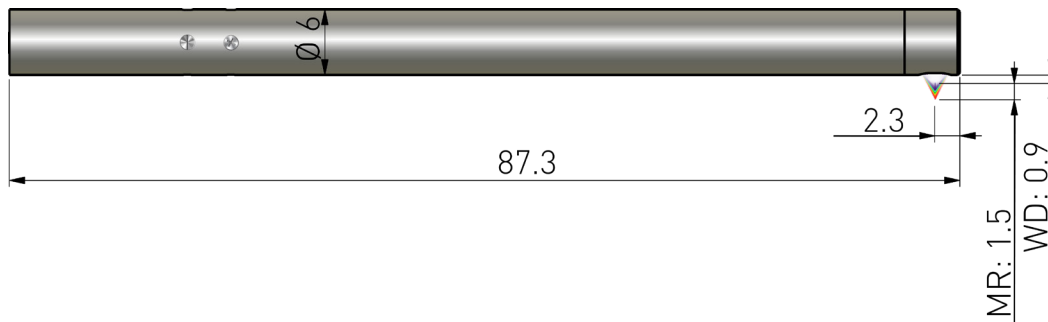
ENDO 1.5/D6-R

NEW
2020

MARPOSS STIL

Chromatic Confocal Controller

DIMENSIONAL DRAWING*



SPECIFICATIONS*

Nota: All dimensions are in mm

| Product | Unit | ENDO 1.5/D6-R |
|------------------------------|------|---------------|
| Order code | | O3PS0362501 |
| Measuring Range | mm | 1.5 |
| Working Distance | mm | 0.9 |
| Numerical aperture | | 0.19 |
| Max. sample slope | ° | ± 10 |
| Radial model | | Radial |
| Max. linearity error** | µm | ± 0.2 |
| Static noise** | nm | 160 |
| Axial resolution** | µm | 0.16 |
| Lateral resolution | µm | 10 |
| Spot size | µm | 19.5 |
| Photometric efficiency | | 29 |
| Min. measurable thickness*** | µm | 200 |
| Length | mm | 87.3 |
| Diameter | mm | 6 |
| Weight | g | 13 |

** With CCS electronics (PRIMA & OPTIMA+)

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

ASSOCIATED WITH INTEGRATED OPTICAL FIBER

CONTROLLER



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



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

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Some of the items supplied by STIL S.A.S., or parts of them, may be subject to export control if exported outside the European Union, or may be subject to restrictive measures adopted by the competent national, supranational or international authorities. Buyer of the items delivered by STIL S.A.S. shall comply with all applicable export control and sanctions laws and regulations.

*Specifications are subject to modifications

PH16-250-N1-0822