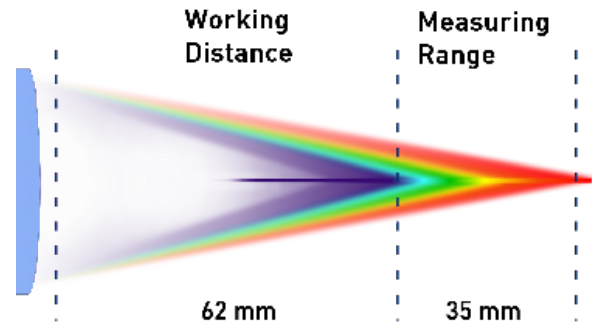


OP 35000

LONG
WORKING
DISTANCE

MARPOSS STIL

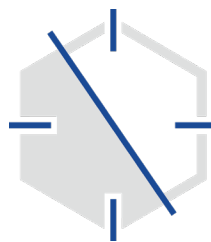
Chromatic Confocal Controller



OP 35 000 offers outstanding performance:

- Long working distance
- Optimal photometric coefficients
- Multiple applications (roughness, thickness, autofocus and more)

Slope Angle



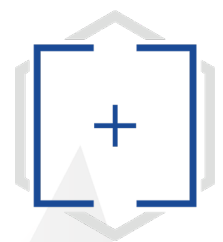
$\pm 17^\circ$

Accuracy



$\pm 2.2 \mu\text{m}$

Resolution



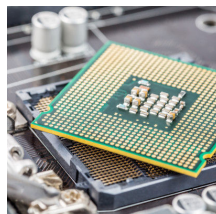
6 μm

DESIGNED FOR

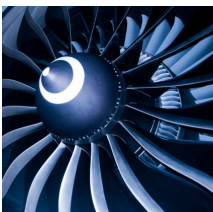
Glass



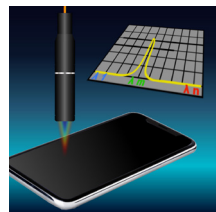
Semiconductors



Aerospace

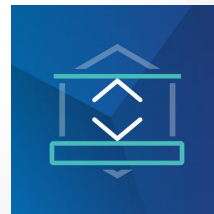


Metrology



PERFECT FOR

Distance



Dimension



Thickness



Shape



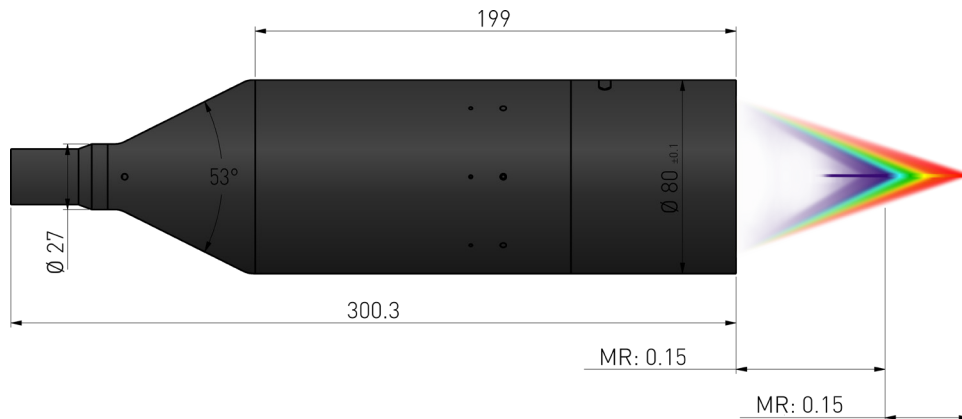
OP 35000

LONG
WORKING
DISTANCE

MARPOSS STIL

Chromatic Confocal Controller

DIMENSIONAL DRAWING*



Nota: All dimensions are in mm

SPECIFICATIONS*

Product	Unit	OP 35000
Order code		O3PS1400011
Measuring Range	mm	35
Working Distance	mm	62
Numerical aperture		0.33
Max. slope angle	°	± 17
Protective window		No
Axial or folded model		Axial
Max. linearity error**	µm	± 2.2
Static noise**	nm	1000
Axial resolution**	µm	6
Lateral resolution	µm	13
Spot size	µm	26
Photometric efficiency		30
Min. measurable thickness***	µm	1200
Length	mm	300.3
Diameter	mm	80
Weight	g	2200

** With CCS electronics (PRIMA & OPTIMA+)

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

ASSOCIATED WITH

OPTICAL FIBER

- Standard cladding
- Stainless steel cladding
- Armored fiber

CONTROLLER



- ZENITH
- PRIMA, PRIMA +, OPTIMA +
- LIGHTMASTER

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* Specifications are subject to modifications

PPS05-100-N1-0822