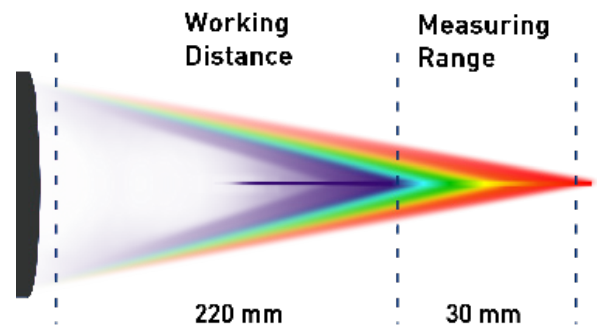


OP 30000

LONG  
WORKING  
DISTANCE

MARPOSS  
STIL

Chromatic Confocal Controller



OP 30 000 offers outstanding performance:

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

Slope Angle



$\pm 5^\circ$

Accuracy



$\pm 2.5 \mu\text{m}$

Resolution



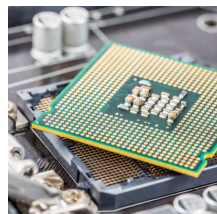
12  $\mu\text{m}$

DESIGNED FOR

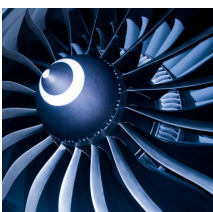
Glass



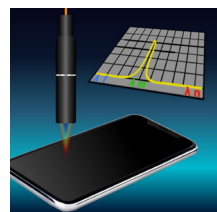
Semiconductors



Aerospace

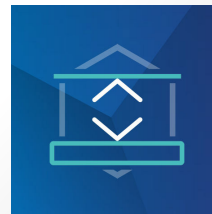


Metrology



PERFECT FOR

Distance



Dimension



Thickness



Shape



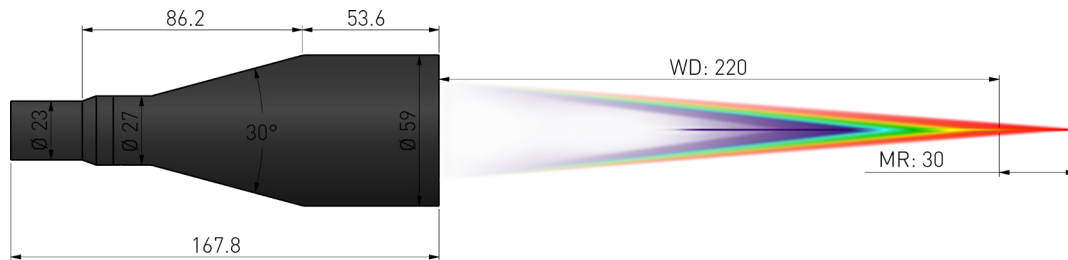
# OP 30000

LONG  
WORKING  
DISTANCE

# MARPOSS STIL

## Chromatic Confocal Controller

### DIMENSIONAL DRAWING\*



Nota: All dimensions are in mm

### SPECIFICATIONS\*

Product	Unit	OP 30000
Order code		O3PS1400008
Measuring Range	mm	30
Working Distance	mm	220
Numerical aperture		0.095
Max. slope angle	°	± 5
Axial model		Axial
Max. linearity error**	µm	± 2.5
Static noise**	nm	2000
Axial resolution**	µm	12
Lateral resolution	µm	48
Spot size	µm	96
Photometric efficiency		117
Min. measurable thickness***	µm	2000
Length	mm	168
Diameter	mm	59
Weight	g	405

\*\* 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

C245C-100-N1-0822