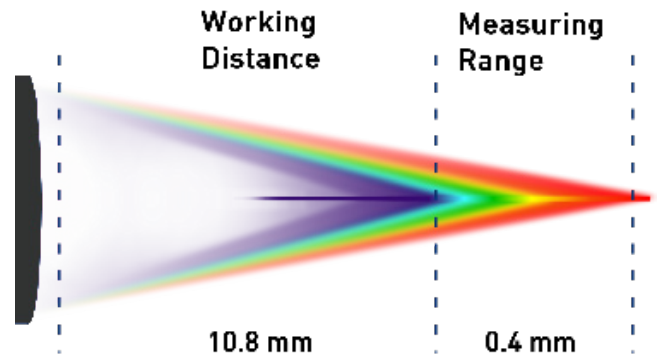


CL2-MG70

NEW
2020

MARPOSS
STIL

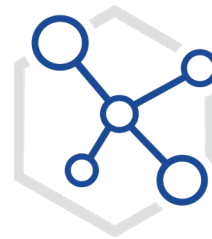
Chromatic Confocal Controller



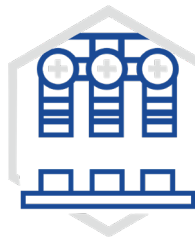
The new CL2-MG70 offers outstanding performance:

- Universal diameter (27mm)
- Axial resolution (from nanometer to micrometer scales)
- A few hundred grams for easy OEM integration
- Measurement of distances at the submicrometer scale
- Discretization of transparent single or multi-layer thicknesses
- Suitable for measurement through a protective window or transparent walls

All materials



Industrial

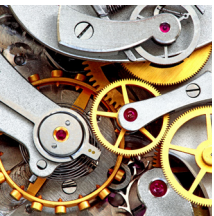


Accurate measurement

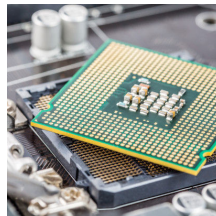


DESIGNED FOR

Mechanics



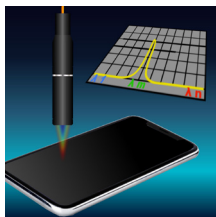
Semiconductors



Glass



Metrology



PERFECT FOR

Distance



Roughness



Thickness



Shape



CL2-MG70

NEW
2020

MARPOSS STIL

Chromatic Confocal Controller

DIMENSIONAL DRAWING*



SPECIFICATIONS*

Nota: All dimensions are in mm

Product	Unit	CL2-MG70
Order code		O3PS0127002
Measuring Range	mm	0.4
Working Distance	mm	10.8
Numerical aperture		0.46
Max. sample slope	°	± 28
Axial model		Standard
90° folded mode		Option
Max. linearity error**	μm	± 0.045
Static noise**	nm	25
Axial resolution**	μm	0.15
Lateral resolution	μm	3.7
Spot size	μm	8.8
Photometric efficiency		42
Min. measurable thickness***	μm	22
Length	mm	176.1
Diameter	mm	27
Weight	g	189

** 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, - OPTIMA +
- PRIMA 2
- STIL-DUO

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*Specifications are subject to modifications

CLMG-270-N2-0822