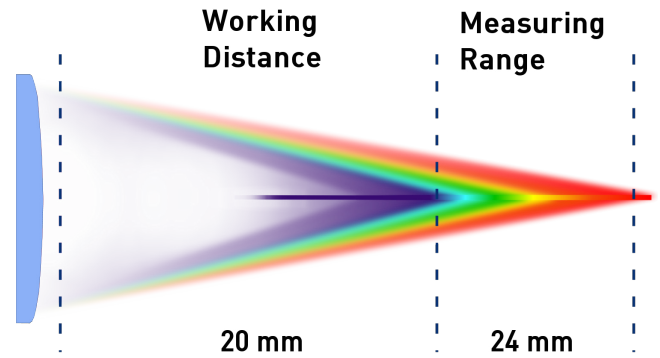


CL6-MG20

NEW
2020

MARPOSS STIL

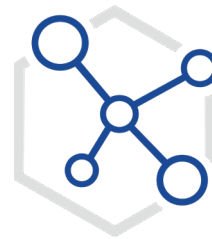
Chromatic Confocal Controller



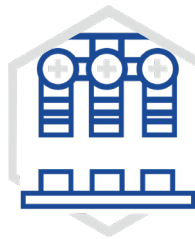
The new CL6-MG20 offers outstanding performance:

- 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

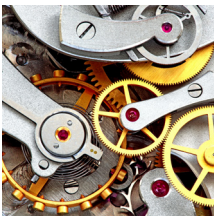


Accurate measurement

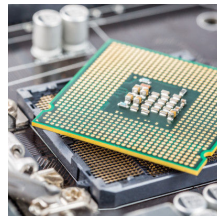


DESIGNED FOR

Mechanics



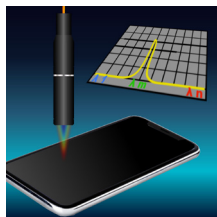
Semiconductors



Glass



Metrology



PERFECT FOR

Distance



Dimension



Thickness



Shape



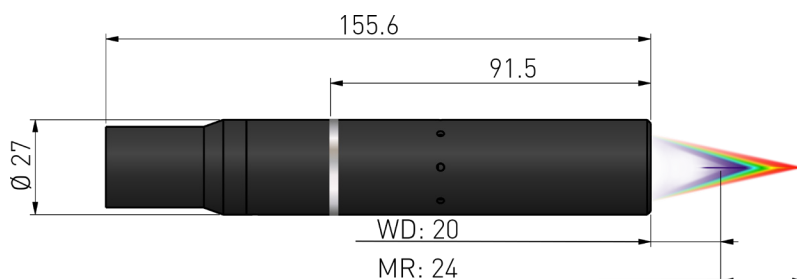
CL6-MG20

NEW
2020

MARPOSS STIL

Chromatic Confocal Controller

DIMENSIONAL DRAWING*



Nota: All dimensions are in mm

SPECIFICATIONS*

Product	Unit	CL6-MG20
Order code		03PS0162001
Measuring Range	mm	24
Working Distance	mm	20
Numerical aperture		0.12
Max. sample slope	°	± 8.5
Axial model		Standard
90° folded model		Option
Max. linearity error**	µm	± 1.2
Static noise**	nm	800
Axial resolution**	µm	4.8
Lateral resolution	µm	18
Spot size	µm	43
Photometric efficiency		60
Min. measurable thickness***	µm	725
Length	mm	155.6
Diameter	mm	27
Weight	g	180

** 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-620-N1-0822