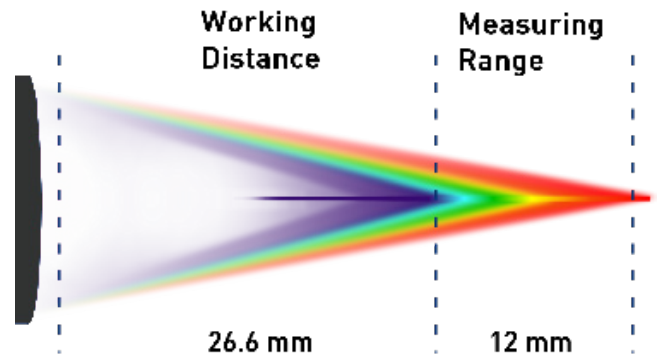


CL5 - MG35

NEW
2020

MARPOSS STIL

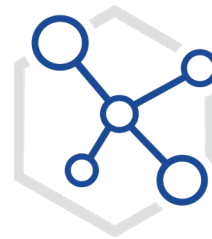
Chromatic Confocal Controller



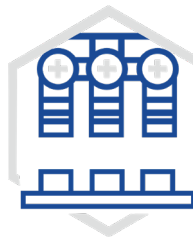
The new CL5-MG35 offers outstanding performance:

- 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

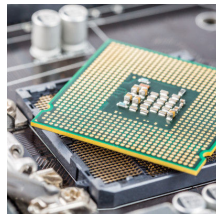


DESIGNED FOR

Mechanics



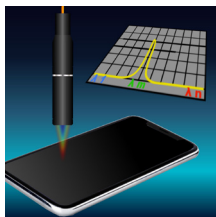
Semiconductors



Glass

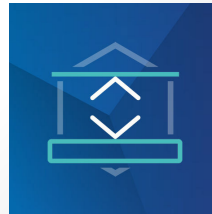


Metrology



PERFECT FOR

Distance



Dimension



Thickness



Shape



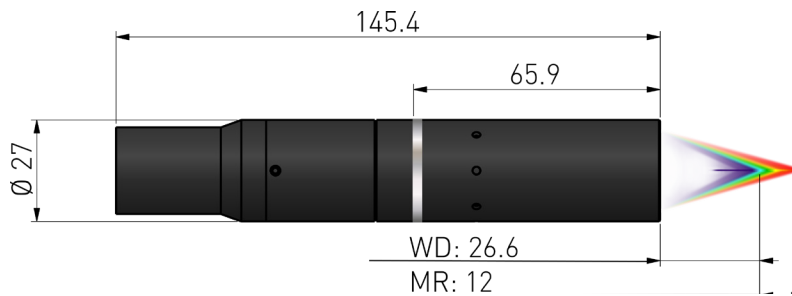
CL5 - MG35

NEW
2020

MARPOSS STIL

Chromatic Confocal Controller

DIMENSIONAL DRAWING*



Nota: All dimensions are in mm

SPECIFICATIONS*

Product	Unit	CL5-MG35
Order code		03PS0153501
Measuring Range	mm	12
Working Distance	mm	26.6
Numerical aperture		0.2
Max. sample slope	°	± 14
Axial model		Standard
90° folded model		Option
Max. linearity error**	µm	± 0.75
Static noise**	nm	370
Axial resolution**	µm	2.22
Lateral resolution	µm	11
Spot size	µm	24.3
Photometric efficiency		42
Min. measurable thickness***	µm	350
Length	mm	145.4
Diameter	mm	27
Weight	g	175

** 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-535-N1-0822