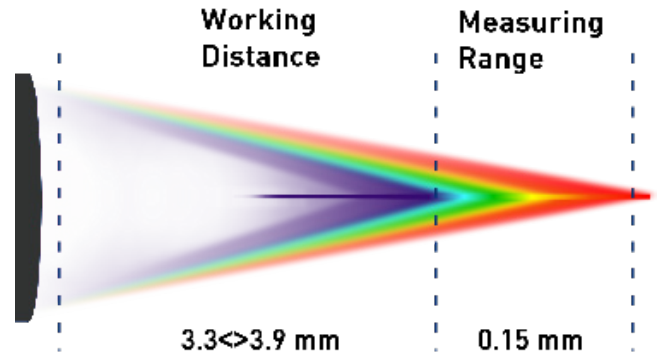


# CL1-MG210 MK2

NEW  
2021

# MARPOSS STIL

## Chromatic Confocal Controller



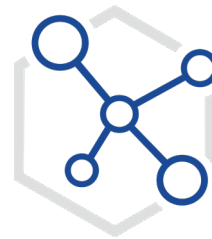
CL1-MG210 is the best choice for high accuracy roughness measurement on all materials.

It is used in various high-tech industries such as Semicon, 3C, Research Lab...

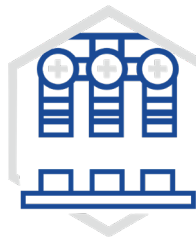
The new CL1-MG210 mk2 offers higher performances than the classic CL1-MG210 :

- Extra Working Distance (3.9 mm instead of 3.3 mm)
- Faster measurement (+50% photometry)
- Extra tilt capacity (Bevelled Edge)

All materials



Industrial

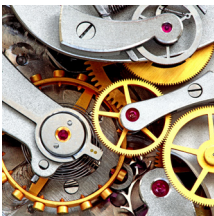


Accurate measurement

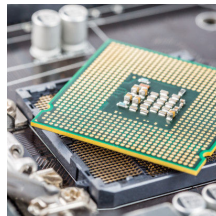


### DESIGNED FOR

Mechanics



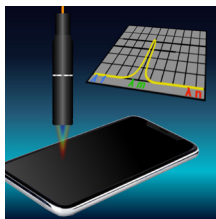
Semiconductors



Glass



Metrology



### PERFECT FOR

Distance



Roughness



Thickness



Shape



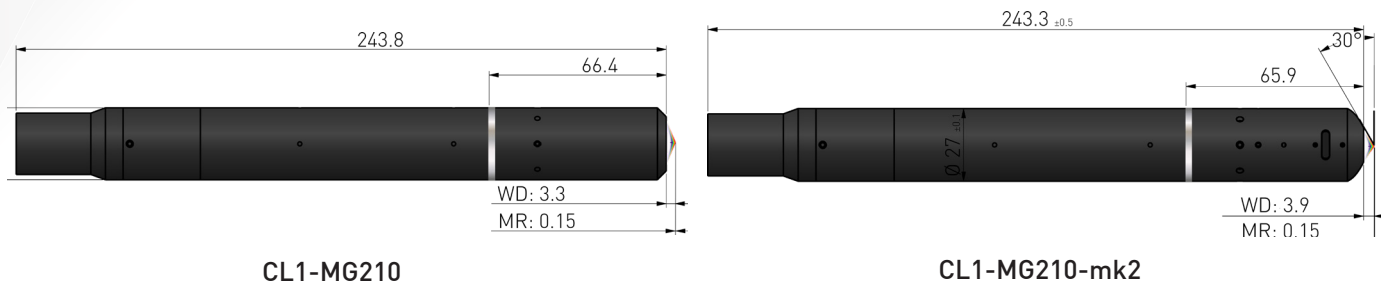
# CL1-MG210 MK2

NEW  
2021

# MARPOSS STIL

## Chromatic Confocal Controller

### DIMENSIONAL DRAWING\*



Nota: All dimensions are in mm

### SPECIFICATIONS\*

Product	Unit	CL1-MG210	CL1-MG210-mk2
Order code		03PS0112101	TBA
Measuring Range	mm	0.15	0.15
Working Distance	mm	3.3	3.9
Numerical aperture		0.71	0.71
Max. sample slope	°	±42	±42
Axial model		Standard	Standard
90° folded model		Option	Option
Max. linearity error**	µm	±0.025	±0.025
Static noise**	nm	7	7
Axial resolution**	µm	0.042	0.042
Lateral resolution	µm	1.1	1.1
Spot size	µm	2.7	2.7
Photometric efficiency		3.3	5
Min. measurable thickness***	µm	7.5	7.5
Length	mm	243.8	243.3
Diameter	mm	27	27
Weight	g	268	243

\*\* 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
- STIL-DUO

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\*Specifications are subject to modifications

CLMG-121-N1N2-0822