

OPTIMA+

HIGH
SPEED

MARPOSS
STIL

Chromatic Confocal Controller



The equipment is especially suitable for demanding online applications. OPTIMA+ offers high performance on all types of materials while being easy to use and integrate.

The OPTIMA + controller displays an acquisition rate of 10 kHz for a simple and reliable 3D measurement.

OPTIMA+ is part of an advanced generation of measurement equipment dedicated to surface measurement.

It is compatible with all STIL sensor heads (CL-MG, OP, ENDO, EVEREST...) and provide a performance adapted to each measurement range.

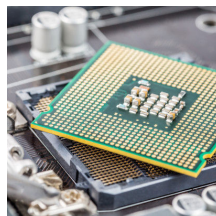


DESIGNED FOR

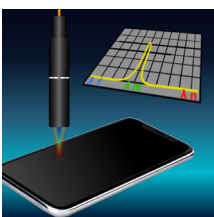
Mechanics



Semiconductors



Metrology



Glass



PERFECT FOR

Distance



Roughness



Thickness



Shape



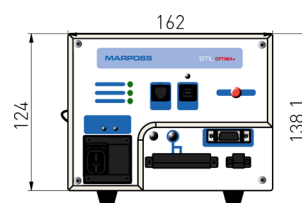
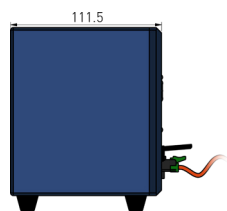
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DIMENSIONAL DRAWING*



Nota: All dimensions are in mm

SPECIFICATIONS*

Product	CCS OPTIMA+
Order code	O8ST09M2001
Technology	Chromatic Confocal
Source	White LED
Number of channels	1
Measuring Frequency	2500 Hz - 10000 Hz
Calibration table memory	Up to 20 calibration tables
Distance Measurement	First/Strongest peak
Thickness Measurement	2 Peaks
Advanced features	AutoLed/DoubleFrequency/HoldLastValue...
Digital Output	RS232, RS422 and USB
Synchronization	Trigger in&out
Other Input/Output	2 Analog Output, Encoder Input (up to 3)
Fiber connection	E2000/APC
Temperature in use	5°C - 50°C
Storage temperature	-30°C - 70°C
Relative humidity	5% - 80% HR without condensation
Protection type	IP 20
Compliance	-
Power Supply	24 Vdc
Maximum/Usual Consumption	25 W/9 W
Dimensions	162 mm x 138,1 mm x 111,5 mm
Weight	1,2kg

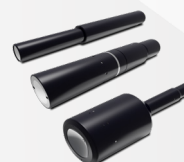
ASSOCIATED WITH

OPTICAL FIBER

- Standard cladding
- Stainless steel cladding
- Armored fiber



SENSOR HEAD



- CL-MG SERIES
- OP SERIES
- ENDO SERIES
- EVEREST SERIES

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Some of the items supplied by STIL S.A.S., or parts of them, may be subject to export control if exported outside the European Union, or may be subject to restrictive measures adopted by the competent national, supranational or international authorities. Buyer of the items delivered by STIL S.A.S. shall comply with all applicable export control and sanctions laws and regulations.

* Specifications are subject to modifications

CCS-200-N4-0822