

PRIMA 2

DUAL
CHANNEL

MARPOSS
STIL

Chromatic Confocal Controller



The PRIMA 2 is compatible with all STIL sensor heads according to specific requirements and associated with a wide choice of measurement ranges (from 150µm to 30 mm):

- Distance and thickness modes
- Slope measurement even on reflective surfaces
- High precision, high resolution
- Recommended for OEM users and industrial applications
- Improved performance in thickness mode thanks to a specific thickness calibration

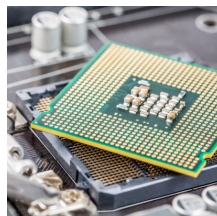


DESIGNED FOR

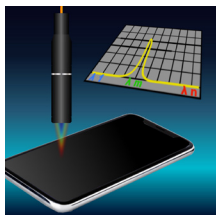
Micromechanics



Semiconductors



Metrology



Glass

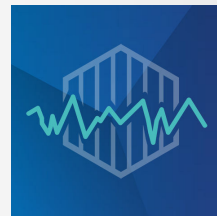


PERFECT FOR

Distance



Roughness



Thickness



Shape



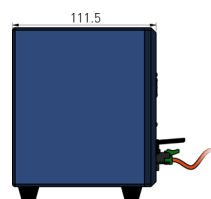
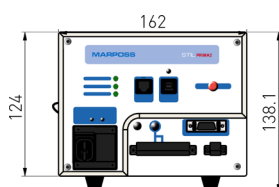
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DIMENSIONAL DRAWING*



Nota: All dimensions are in mm

SPECIFICATIONS*

Product	PRIMA2
Order code	O8ST11M1001
Technology	Chromatic Confocal
Source	White LED
Number of channels	2 (multiplexed)
Measuring Frequency	100 Hz - 2000 Hz
Calibration table memory	Up to 20 calibration tables
Distance Measurement	First/Strongest peak
Thickness Measurement	2 Peaks
Advanced features	AutoLed/AutoDark/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	EN 61326-1
Power Supply	24 Vdc
Maximum/Usual Consumption	25 W/8 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

www.stil-sensors.com

info@stil-sensors.com

+33 (0)4 42 39 66 51

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* Specifications are subject to modifications

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