



The CCS PRIMA 4 is compatible with all STIL sensor heads chosen according to the specific requirements associated with a wide choice of measurement ranges (from 150µm to 30 mm)

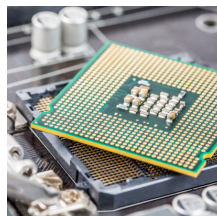
- Distance and thickness modes
- Slope measurement even on reflective surfaces
- High precision, high resolution
- Recommended for OEM users and industrial applications
- Improved performance in thickness mode thanks to a specific thickness calibration
- Extremely efficient for thickness measurements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

## DESIGNED FOR

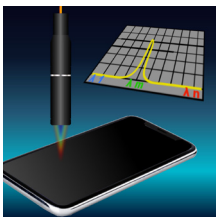
Mechanics



Semiconductors



Metrology



Glass



## PERFECT FOR

Distance



Roughness



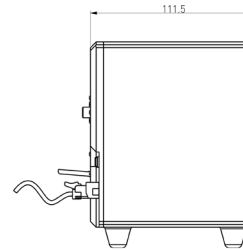
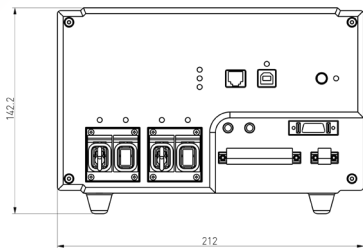
Thickness



Shape



### DIMENSIONAL DRAWING\*



Nota: All dimensions are in mm

### SPECIFICATIONS\*

Product	<b>CCS PRIMA4</b>
Order code	08ST12M1001
Technology	Chromatic Confocal
Source	white LED
Number of channel	4 (multiplexed)
Measuring Frequency	200 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	-
Power Supply	24V DC
Maximum/Usual Consumption	25W/8W
Dimensions	212mm x 142.2mm x 111,5mm
Weight	1,6kg

### ASSOCIATED WITH

#### OPTICAL FIBER

- Standard cladding
- Stainless steel cladding
- Armored fiber

#### SENSOR HEAD



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