

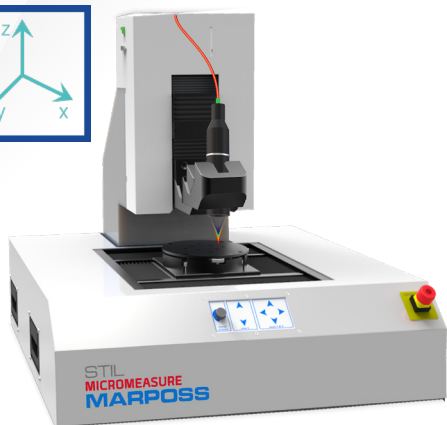
# MIME SERIES

NEW  
2020

# MARPOSS

STIL

## Chromatic Confocal Controller



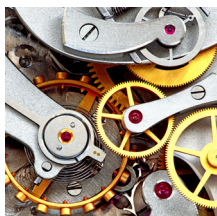
- High performances 3D measurement system
- Compatible with all STIL sensors and controllers
- 3 High resolution motorized axes (X,Y,Z)
- Computer and programmable controller included
- 3D processing software package for point
- Available dimensions in mm: 100 x 100 / 200 x 200 / 300 x 300

MICROMESURE 3D Measuring System has been designed by STIL to obtain real 3D metrology of each point for the most demanding Applications. The sensor head measuring range starts at 150  $\mu\text{m}$  and goes up to 30 mm, giving different scales of analysis and allowing a wide array of characterizations. The unique time measurement mode allows dynamic phenomena analysis using a single point, a line or a surface measurement with a predefined time as a parameter. Ideal tool for non-contact surface measurement, including 3D roughness, shape metrology and 3D microtopography. The MICROMESURE 2 system fully exploits the extraordinary performance of all STIL contactless sensors in various applications and fields. For advance measurement and deeper surface analysis the Mountains® software could be included.

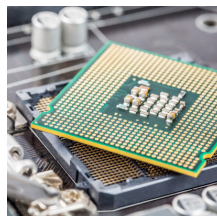


### DESIGNED FOR

#### Mechanics



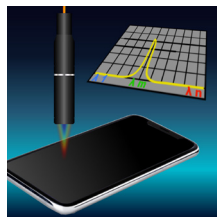
#### Semiconductors



#### Glass



#### Metrology

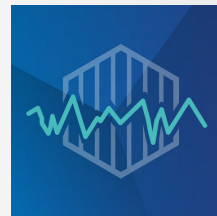


### PERFECT FOR

#### Dimension



#### Roughness



#### Displacement



#### Shape



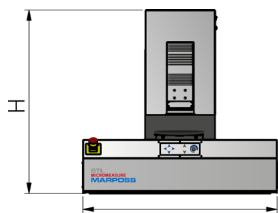
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## Chromatic Confocal Controller

### DIMENSIONAL DRAWING\*



### SPECIFICATIONS\*

	Model	MIME-3M1R-115	MIME-3M3R-115	MIME-3M3R-332
	<b>Order code</b>	03P0600001	03PS0700001	08ST003M1R1
<b>X-Y Parameters</b>	<b>Travel</b>	100 mm	100 mm	300 mm
	<b>Encoder</b>	No	Yes	Yes
	<b>Position accuracy</b>	10 µm / 100 mm	1 µm / 100 mm	1 µm / 100 mm
	<b>Position resolution</b>	0.1 µm	0.1 µm	0.1 µm
	<b>Flatness</b>	1 µm / 100 mm	1 µm / 100 mm	TBA
	<b>Max. speed</b>	20 mm/s	20 mm/s	20 mm/s
<b>Z Parameters</b>	<b>Travel</b>	50 mm	50 mm	200 mm
	<b>Encoder</b>	Yes	Yes	Yes
	<b>Position accuracy</b>	1 µm / 100 mm	1 µm / 100 mm	1 µm / 100 mm
	<b>Position resolution</b>	0.1µm	0.1µm	0.1µm
	<b>Flatness</b>	1 µm / 100 mm	1 µm / 100 mm	TBA
	<b>Max. speed</b>	5 mm/s	5 mm/s	5 mm/s
	<b>Dimension (LxDxH)</b>	640 mm x 612 mm x 606 mm	640 mm x 612 mm x 606 mm	750 mm x 750 mm x 919 mm
	<b>Weight (kg)</b>	120	120	250

### ACCESSORIES

	Order code	Designation
<b>ANTI VIB</b>	015ST000018	ANTI VIB 750mmx750mm pneumatic vibration isolation workstation
<b>COMP</b>	015ST000019	COMP Compressor
<b>HOLDER D8</b>	015ST000002	Sensor head holder for 8mm diameter probes (Endo0.2/D8, Endo10/D8...)
<b>HOLDER D27</b>	015ST000004	Sensor head holder for 27mm diameter probes (CL-MG)
<b>HOLDER D50</b>	015ST000005	Sensor head holder for 50mm diameter probes (MicroView, OP10000,...)
<b>HOLDER D82</b>	015ST000007	Sensor head holder for 82mm diameter probes (Everest-K1)
<b>INSTFORM</b>	015ST000017	Installation and training on site per day (excluding travel exheadsdes, to be quoted separately)
<b>MOUTAINS MAP</b>	OCMQ100001	Mountains Map post-processing software, from Digital Surf

### ASSOCIATED WITH SENSOR HEAD

- CL-MG Series
- OP Series
- ENDO Series
- EVEREST Series

### CONTROLLER



- ZENITH
- PRIMA, OPTIMA +
- LIGHTMASTER
- STIL-DUO

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\* Specifications are subject to modifications

CMM3-000 XX-0822