

# OptoMonitor

## So Simple

Lead with the **LIGHT**

### ERGONOMIC AND EFFICIENT CASE MANAGEMENT TOOLS

Modular monitor with intuitive display and multiple options for easy data export.

- High mobility, convenient set up
- Fast, simple workflow
- Intuitive touch screen interface
- Easy integration to cath lab hemodynamic system.



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## TECHNICAL SPECIFICATIONS

### PRESSURE

Pressure range*	-30 to 300 mmHg
Accuracy*	± 1 mmHg plus ± 1% of reading (over the pressure range -30 to 50 mmHg)
+/-3% of reading (over the range 50 to 300 mmHg)	0.3% / °C
Temperature zero sensitivity*	< 0.3 mmHg / °C
Temperature gain sensitivity*	< 0.3% / °C
Zero drift*	< 1 mmHg/hour
Frequency response*	0-25 Hz
Distal pressure output scale	5 µV / V / mmHg
Distal Output Connection	Cathlab-specific cable
Aortic pressure input scale	100 mmHg / V
<b>Operating voltage</b>	100-240 V, 50-60 Hz

### DIMENSIONS

	OPTICAL UNIT	DISPLAY UNIT	HANDLE UNIT
Height	62 mm / 2.44"	148 mm / 5.83"	50 mm / 1.97"
Depth	170 mm / 6.7"	38 mm / 1.50"	105 mm / 4.13"
Width	295 mm / 11.61"	202 mm / 7.95"	35 mm / 1.38"
Weight	930 g	620 g	145 g (w. cable)

### ENVIRONMENTAL CONDITIONS

Operating temperature	15°C to 30°C (59°F to 86°F)
Operating atmospheric pressure	70 to 106 kPa (525 to 795 mmHg)
Relative humidity operating	30-75% RH
Storage temperature	Room temperature

\* Combined accuracy of OptoMonitor and OptoWire pressure guide wire



## ORDERING INFORMATION

### PRODUCT REF NUMBER

### DESCRIPTION

F2010	OptoMonitor Optical Unit
F2020	OptoMonitor Display Unit
F2030	OptoMonitor Handle Unit

Rx Only.

Carefully read all instructions prior to use. OptoMonitor is designed developed and manufactured by Opsens Inc.

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