

Interventional Cardiology in a whole new LIGHT

SEAMLESS INTEGRATION. DICOM CONNECTIVITY. SMART DISPLAY.

- **Integrated workflow:**
Seamless, fast and DICOM compatibility
- **Adaptability:**
Different monitor sizes options, at the bed side or in the control room
- **Versatility:**
Small footprint and several configuration options
- **Intuitive:**
Touch screen interface with crisp images and straightforward annotations



CE 2797

TECHNICAL SPECIFICATIONS

PRESSURE

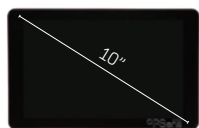
Pressure range*	-30 to 300 mmHg
Accuracy*	± 1 mmHg plus ± 1% of reading (over the pressure range -30 to 50 mmHg) +/-3% of reading (over the range 50 to 300 mmHg)
Temperature zero sensitivity*	< 0.3 mmHg / °C
Temperature gain sensitivity*	< 0.3% / °C
Zero drift*	< 1 mmHg / hour
Frequency response*	0-25 Hz
Aortic / Distal pressure output scale	5 µV / V / mmHg
Aortic / Distal pressure input /output excitation	BP22 compliant
Aortic / Distal output overall deviation	< 1 mmHg
Aux pressure input scale	100 mmHg / V
Aortic pressure input scale	5 µV / V / mmHg

ELECTRICAL SPECIFICATIONS

OPM3-OU SUPPLY

OPM3 - DU SUPPLY (10 AND 15)

Classification	Class II with functional ground	Class I
Isolation level	2xMOPP	2xMOPP
Operating voltage	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz
Rated current (AC)	0.6 A	1.4 A
Rated current (DC)	1.5 A / 12 VDC	6 A / 20 V
Rated Power Consumption	20 W max	120 W max



DIMENSIONS	OPTICAL UNIT	DISPLAY UNIT 10"	DISPLAY UNIT 15"	HANDLE UNIT
Height	165 mm / 6.50"	170 mm / 6.69"	5280 mm / 11.02"	38 mm / 1.50"
Depth	65 mm / 2.56"	38 mm / 1.50"	48 mm / 1.89"	89 mm / 3.50"
Width	150 mm / 5.91"	262 mm / 10.31"	363 mm / 14.29"	75 mm / 2.95"
Weight	615 g	1500 g	4900 g	145 g (w. cable)

ENVIRONMENTAL CONDITIONS

Operating temperature	15°C to 30°C (59°F to 86°F)	Transport/storage atmospheric pressure	50 to 106 kPa (375 to 795 mmHg)
Operating atmospheric pressure	70 to 106 kPa (525 to 795 mmHg)	Transport/storage temperature	-25°C to 60°C (-13°F to 140°F)
Relative humidity operating	30-75% RH	Transport/storage humidity	10 – 85% non-condensing
IP Rating	IPX0 for HU and DU, IPX2 for OU	Operating temperature	15°C to 30°C (59°F to 86°F)

ORDERING INFORMATION

PRODUCT REF NUMBER	DESCRIPTION	PRODUCT REF NUMBER	DESCRIPTION
F2310	OPM3-OU - Optical Unit	F232009	OPM3-OU-DU RS-232 communication cable
F2320	OPM3-DU - Display Unit - 10"	F232010	OPM3-OU-DU LAN communication cable
F2321	OPM3-DU - Display Unit - 15"	F232011	OPM3-OU Power supply 12 V
F2322	OPM3-DU Wireless dongle	F232012	OPM3-dU Power supply 19 V
F2330	OPM3-HU - Handle Unit	F201004	Ac power cord, countries dependant

Rx Only.

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

* Combined accuracy of OptoMonitor and OptoWire™ pressure.

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