

## Technical Specifications

Size (HxWxD)	90 x 210 x 293 mm
Weight	max. 4 kg
Case material	Stainless steel
Safety Class	Class I equipment
IP-Code	IPX1 (drip-proof)
Supply voltage	100-240 VAC / 50-60 Hz
Power consumption	max. 40 VA
Fuses	250 V; 1,6 AL; Type T; 5x20 mm
Mains Power Cord	EU
Mains Power Cord	USA
	Type EU, l = 2 m
	North American 10 Amp Hospital-Grade Cordset w/C13, l = 2 m



### Ambient Conditions

Air Pressure	70 to 106 kPa
Operating temperature range	10° C to 40° C (50° F to 104° F)
Storage temperature range	-20° C to 45° C (- 4° F to 113° F)
Transport temperature range	-20° C to 55° C (- 4° F to 131° F)

### Relative Humidity

Operation	30 % to 75 % (non-condensing)
Storage and transport	10 % to 96 % (non-condensing)

### Interfaces

Interface type	RS-232
Device connector	9-pin D-Sub-socket
RS-232 cable	shielded, 9-pin D-Sub-cable, (Male/Female), l=2 m
Connection limitations	Connect only devices tested according to <b>IEC60601</b> or <b>IEC60950</b>

<u>Max. flow measurement range</u>	± 32.0 liter per minute (lpm) (depending on calibration and type of used Transducer/Probe)
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### Resolution of flow measurement values

0 to 999 mlpm	1 milliliter per minute (mlpm)
1.00 to 9.99 lpm	10 mlpm
10.0 to 32.0 lpm	100 mlpm

<u>Accuracy of flow measurement</u>	depending on calibration and type of used Transducer/Probe
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## Optional Systems

### Analog In [AI]

Device connector	2-pin socket type REDEL PKG, M0.2GLV
Cable length	1 m
Input voltage range	± 4,00 V
Resolution	0.01 V
Accuracy	± 3%
Connection limitations	Only connect devices tested according to <b>IEC60601</b>

### Pressure In [Pr]

Safety Class	Type CF applied part, defibrillation-proof
Device connector	5-pin socket type REDEL PKG, M0.5GLV
Input pressure range	-250 mmHg to +350 mmHg (depending on used transducer)
Resolution	1 mmHg
Accuracy	± 3% (depending on used transducer)
Cable length	2.2 m
Recommended pressure sensor	DPT-6000/PVB Critical Care GmbH

### Built-in printer

Printer type	EPM203-MRS
Print method	Thermo printer, 8 dots/mm
Print width	48 mm

### Recommended paper

Paper type	EM037
Durability	25 years
Roll size	Width: 57 mm
Roll diameter:	30 mm
Length:	about 10 m

## Second Flow Measurement System

If at the same time there should be:

- one Clamp-On-Transducer and one Vascular Probe
- or two Clamp-On-Transducers
- or two Vascular Probes,

a second flow measuring system must be added. The flow measurement systems 1 and 2 are identical in construction (see performance data of Flowcomputer and sensors).

**Purchase Order Numbers****Order Numbers**

- 1 Flow Measurement System (FC-10-1000-A) 11278
- 1 Flow Measurement System with Analog In and Pressure In (FC-10-1011-A) 11280
- 2 Flow Measurement Systems (FC-10-2000-A) 11279
- 2 Flow Measurement Systems with Analog In and Pressure In (FC-10-2011-A) 11281
- 1 Flow Measurement System with printer (FC-10-1100-A) 11282
- 1 Flow Measurement System with printer, Analog In and Pressure In (FC-10-1111-A) 11079
- 2 Flow Measurement Systems with printer (FC-10-2100-A) 11283
- 2 Flow Measurement Systems with printer, Analog In and Pressure In (FC-10-2111-A) 11284

including Power Cord and User Manual

**Accessories**

- Shielded RS-232 Connection Cable (Male/Female) 10989
- Paper Rolls (6 pieces) for the built-in printer, Type: EM037 11381
- Sterile Ultrasound Transmission Gel, Type: Aquasonic 100 11290