

# PressureWire™ Certus

## FFR Measurement System



### SPECIFICATIONS

- Patented, high-fidelity sensor technology for simultaneous measurement of intravascular pressure, temperature and thermo-dilution flow.
- Strengthened 0.014" wire design provides increased torque, making PressureWire Certus less sensitive to prolapse.
- Polymer sleeve protects cabling and electronics to increase signal reliability.
- Hydrophilic coating forms a lubricious layer, enhancing maneuverability and device compatibility, even in tortuous vessels.
- With the proximal connector removed PressureWire Certus acts as a standard 0.014" guidewire, enabling balloon and stent placement.\*

### PRESSURE

Operating pressure range:	-30 to +300 mmHg
Accuracy:	+/-1 mmHg plus +/-1% of reading (-30 to 50 mmHg) +/-3% of reading (50 to 300 mmHg)
Frequency response:	0–25 Hz
Zero thermal effect:	0.3 mmHg/°C
Sensitivity thermal effect:	0.3%/°C
Zero drift:	< 7 mmHg/h

### TEMPERATURE (OPTIONAL)

Range:	15–42°C
Relative temperature accuracy:	0.05°C or 10% ΔT, whichever is greatest
Frequency response:	0–7 Hz (temperature mode) 0–25 Hz (CFR mode)

### ELECTRICAL

Operating voltage:	100–240 VAC, 50–60 Hz
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### DIMENSIONS AND WEIGHT

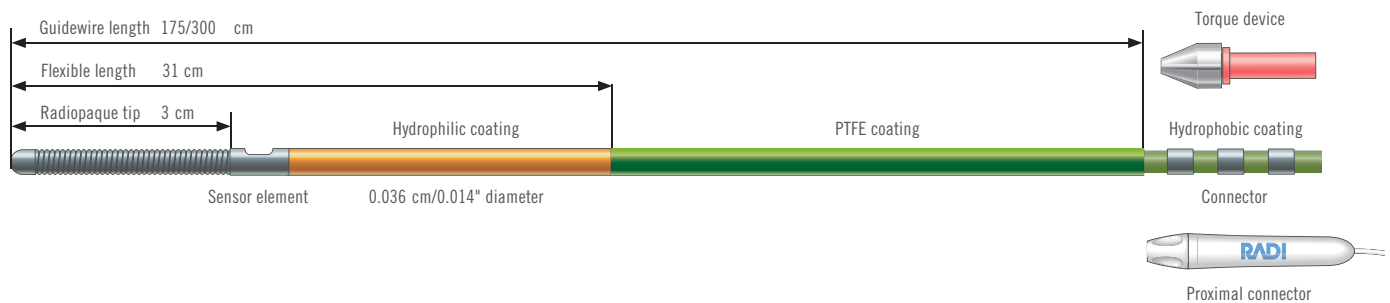
Height x Depth x Width:	29x12x31.5 cm (11.4x4.7x12.4")
Weight:	4.4 kg (9.7 lbs)

### ENVIRONMENT

Operating temperature:	15°C to 30°C (59°F to 86°F)
Relative humidity operating:	30–75%

Typical performance data in temperature range 35°C to 42°C; measuring time less than one hour—combined PressureWire and RadiAnalyzer™ Xpress.

\* Refer to Instructions for Use



ORDERING INFORMATION

Product Number	Product Description
12006	PressureWire™ Certus, 175 cm
12306	PressureWire™ Certus, 300 cm
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12711	RadiAnalyzer™ Xpress
12720	RadiView™ PC Software
12736	ThermoOption™ Upgrade Kit
12740	RadiAnalyzer™ Printer Kit

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**Rx Only**

**Brief Summary:** Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events, and directions for use. PressureWire is designed, developed and manufactured by Radi Medical Systems AB. Patent Pending. PressureWire, RADI, ST. JUDE MEDICAL, the nine-squares symbol and MORE CONTROL. LESS RISK. are registered and unregistered trademarks and service marks of St. Jude Medical, Inc. and its related companies. ©2009 St. Jude Medical. All rights reserved.  
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