

PressureWire™ Aeris

Wireless FFR Measurement System



SPECIFICATIONS

- Wireless FFR measurement, integrated into the GE Mac-Lab® hemodynamic recording system (XT and XTi system configurations), uses existing screens, controls and input modules.
- All FFR results are stored in the existing hemodynamic recording archive with other procedural data for a complete patient record.
- Improves cath lab workflow and simplifies FFR procedure by eliminating stand-alone instrumentation and set up time.
- Wireless radio technology eliminates cables crossing the sterile field, simplifying the procedure and improving wire handling.
- Strengthened 0.014" wire design provides increased torque, making PressureWire Aeris less sensitive to prolapse.
- Hydrophilic coating forms a lubricious layer, enhancing maneuverability and device compatibility, even in tortuous vessels.
- Hydrophobic coating over the proximal male connector repels moisture and reduces the risk of pressure measurement drift.
- With the proximal transmitter removed PressureWire Aeris acts as a standard 0.014" guidewire, enabling balloon and stent placement.*

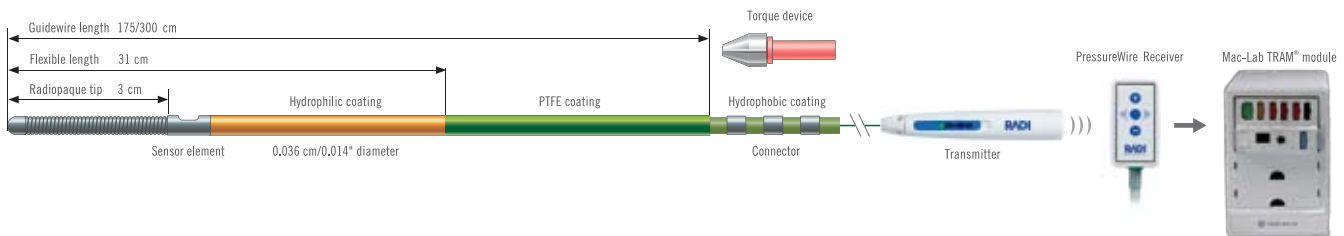
PRESSURE

Pressure range:	-30 to +300 mmHg
Pressure accuracy:	+/-1 mmHg plus +/-1% (<50 mmHg) +/-3% (>50 mmHg)
Frequency response:	DC to 25 Hz

WIRELESS TECHNOLOGY

Radio range:	2 m (15–20 m in free line of sight)
Battery time transmitter:	3 hours
Frequency range:	2.4000–2.4835 GHz (ISM band)
Radio type:	Frequency hopping spread spectrum (FHSS)
Radio power:	1 mW peak, 70 µW average
Total signal time delay:	<10 ms

* Refer to Instructions for Use



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ORDERING INFORMATION

Product Number	Product Description
12056	PressureWire™ Aeris, 175 cm
12356	PressureWire™ Aeris, 300 cm
12722	PressureWire™ Receiver

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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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