

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.*

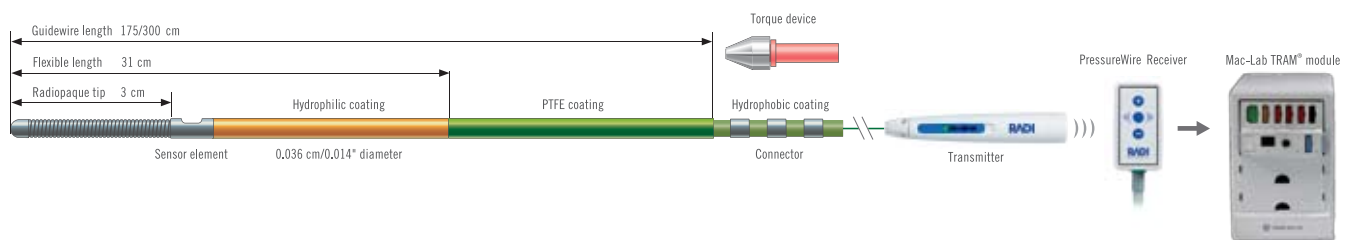
PRESSURE

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



ORDERING INFORMATION

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

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