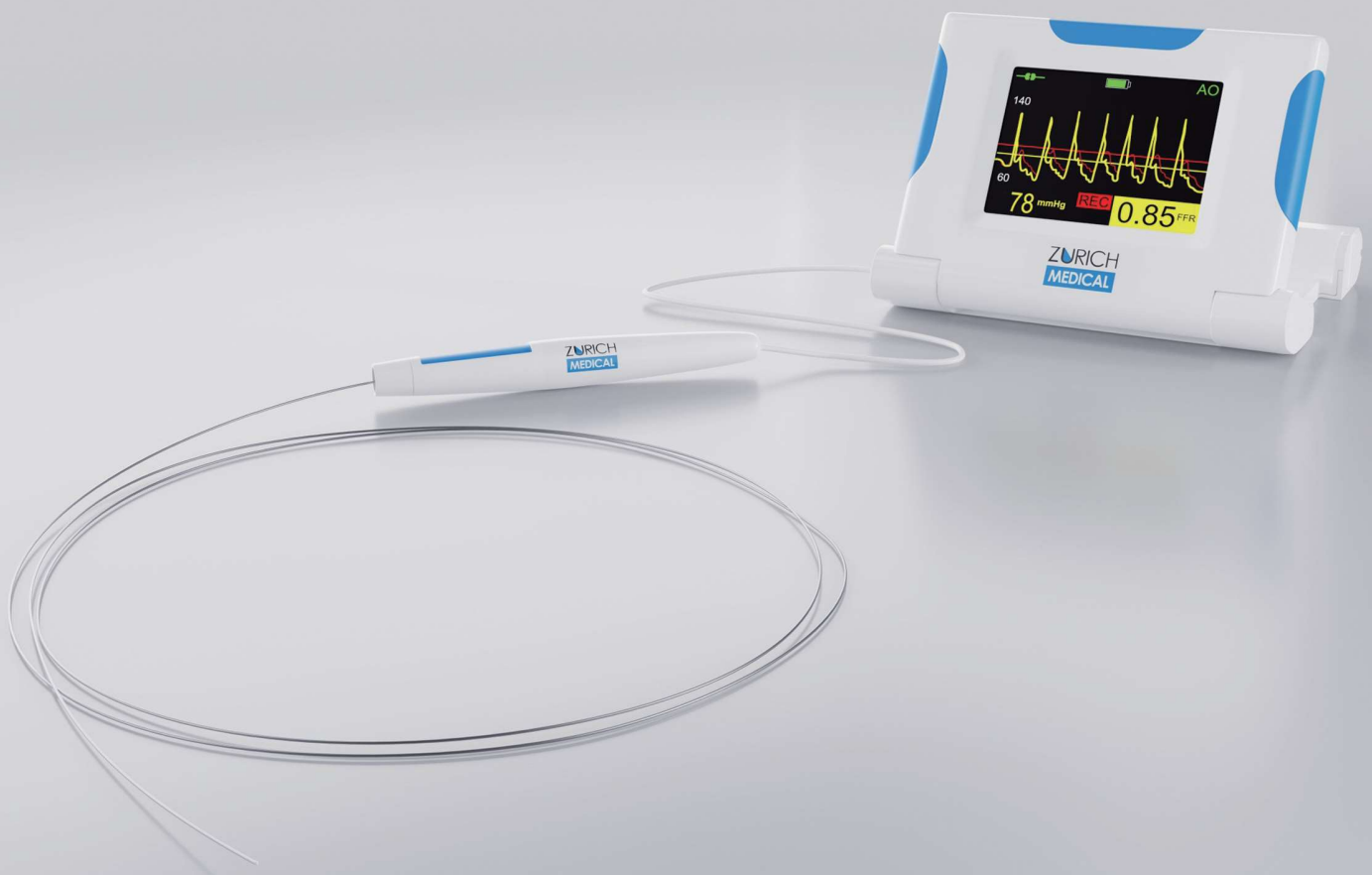


Zurich Pressure Guidewire System Model 100™



All-in-one Design

Zurich offers an innovative, single-use Fractional Flow Reserve (FFR) system, consisting of a 0.014" diameter pressure guidewire and a portable display unit with a custom designed microprocessor. This system eliminates the need to buy and maintain expensive capital equipment.

Atraumatic and Shapeable Tip

The shapeable radiopaque distal tip helps the user to safely and confidently navigate through anatomy and lesions.

Intuitive Handling and Easy Attachment

The pressure guidewire's high torque response, pushability and crossability through various common lesions, translate into intuitive handling. It has many characteristics similar to a workhorse guidewire. Simple, one-button operation makes it easy to attach to and detach.

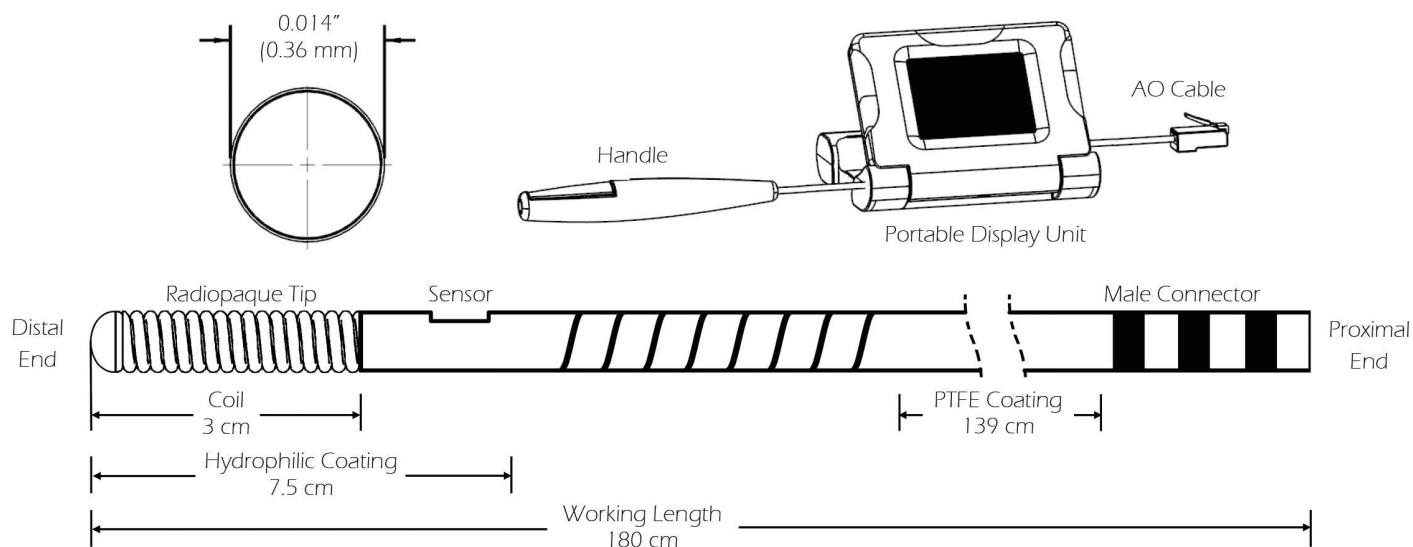
Advanced MEMS Sensor

The state-of-the-art MEMS piezoresistive sensor has exceptional pressure sensitivity and accurate linear operation under broad physiologic pressures.

Please consult the product labeling for relevant indications, contraindications, warnings and precautions. Federal law (USA) restricts this device to sale by or on the order of a physician. Zurich Pressure Guidewire System Model 100 is designed, developed, and manufactured by Zurich Medical Inc. Unless otherwise noted, TM indicates a registered or unregistered trademark or service mark owned by, or licensed to, Zurich Medical Inc. or one of its affiliates.

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Zurich Pressure Guidewire System Model 100™ Specification Sheet



Product Benefits

- State-of-the-art MEMS piezoresistive high fidelity sensor
- 0.014" (0.36 mm) workhorse-like guidewire
- One piece laser cut hypotube
 - Increased flexibility while maintaining torque
 - Minimal number of joints
- Advanced alloy core wire
 - Nickel-cobalt based alloy construction
 - Solid core end-to-end ensuring safety
 - High tensile strength increasing pushability and torque control
- Hydrophilic coating to reduce friction and improve handling
- Platinum alloy distal coil for high contrast visibility under fluoroscopy
- Portable display unit
 - One-time use
 - Battery powered
 - Color screen displaying real-time pressure and calculated FFR
 - Two methods of calculating FFR
- Ergonomic handle design with one button to attach / detach guidewire

Technical Specifications

| | |
|---------------------------------|---|
| Guidewire diameter | 0.014" (0.36 mm) |
| Guidewire length | 180 cm |
| Tip shape | Straight |
| Radiopaque length | 3 cm |
| Hydrophilic coating | 7.5 cm |
| PTFE coating | 139 cm |
| Zero drift | < 7 mmHg / hour |
| Accuracy | ±1 mmHg plus ±1% of reading from 0 - 50 mmHg ±3% of reading from 50 - 300 mmHg |
| Operating time | 2 hours |
| Operating pressure range | 0 - 300 mmHg |
| Operating ambient temperature | 15°C - 40°C (59°F - 104°F) |
| Operating relative air humidity | 30% - 75%, non-condensing at 40°C (104°F) |
| Operating atmospheric pressure | 550 - 800 mmHg |

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