



Mikro-Cath™ Pressure Catheter

In the cath lab, expert insight comes from exact data. You demand it — your patients depend on it.

Mikro-Cath™ pressure catheters enable a deeper understanding of your patients' cardiovascular function to help guide your diagnostic decisions.

All pressure catheters **are not** created equal.

Comprehensive Hemodynamic Data

Mikro-Cath™ pressure catheters use our patented pressure sensor technology to record precise measurements of cardiovascular function, unaffected by motion artifacts or body position. This high-fidelity pressure data helps to identify potential cardiovascular conditions and make in-depth assessments in real time.

Accurate Cardiovascular Measurements

- Left Ventricular Pressure (LVP)
- True dP/dt Measurement
- Mean Arterial Pressure (MAP)
- Pulmonary Artery Pressure
- Right Ventricular Pressure (RVP)
- Radial Artery Pressure
- Aortic Valve Pressure Gradients
- Atrial Pressure

Advanced Clinical Applications

- Exercise studies
- Heart failure cases
- Drug therapy evaluation
- LVAD evaluation



Mikro-Cath™ Specifications

Product Number:
825-0101

Effective Length: 120 cm

Sensor Size: 3.5F

Body Size: 2.3F

Tip: Straight

Mikro-Cath™ vs. Fluid-Filled Catheters

While adequate to monitor a patient's state, pressure waveforms from fluid-filled catheters can be unreliable for diagnostic purposes. The disposable Mikro-Cath™ pressure catheter produces a more complete and accurate representation of cardiovascular waveforms, making it the gold standard for clinical applications.

Mikro-Cath™	Fluid-Filled Catheters
• Accurate dP/dt	• Unreliable dP/dt
• True waveform pressure signals	• Overshoot, resonance
• No time delay	• Time delay
• Free from motion artifacts	• Catheter whip artifact
• True pressure readings at any height in fluid	• Gravitational effects on zero

Clinical Innovation

Millar is committed to producing the most innovative single-use, sterile catheters and products for cardiovascular pressure measurement – a vision made possible by continued collaboration with our customers.

When your needs changed, we shifted our focus to deliver a low-cost solution with the same proven performance in a sterile, single-use model.

For cases that demand the utmost accuracy, Millar clinical products are the solution for acquiring the most comprehensive and reliable cardiovascular pressure data. That's what four decades of growth and collaboration can do.

Indications for Use Statement

The Mikro-Cath Pressure Catheter is a single-use catheter intended to be used for medical research and diagnostic purposes. The catheter is indicated to measure cardiovascular, intracompartmental, and airway pressures in the human body. The catheter is used as a minimally invasive device under short term limited body contact (<24 hours).

For more dynamic insights in the cath lab, please contact us:
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