



Mikro-Cath™ Cardiovascular 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.

Advanced Clinical Applications

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

Recommended Setup

The catheter connects via cable to the Millar TC-510 Control Unit and then directly connects to a clinical cable and standard clinical monitor.

Setup to a data acquisition system for research applications is also available.

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

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.

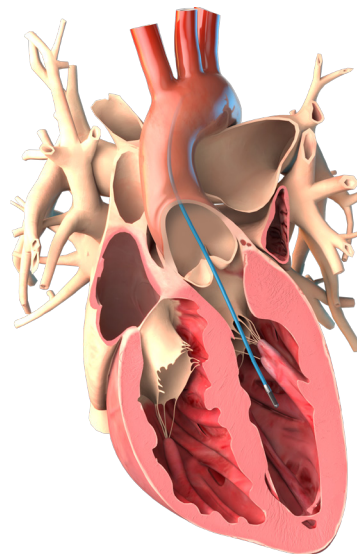
For cases that demand the utmost accuracy, Millar clinical products are the solution for acquiring the most comprehensive and reliable cardiovascular pressure data. That's what four decades of growth and collaboration can do.

Mikro-Cath™ Advantages

The catheter has a radiopaque marker integrated near the distal end next to the sensor, which makes for the most accurate placement. Additionally, the catheter can be quickly calibrated, allowing for rapid and precise results.

Description	Mikro-Cath™
Model Number	825-0101
Working Length	120 cm
Tip F Size	3.5F (1.2 mm)
Body F Size	2.3F (0.8 mm)
Tip Configuration	Straight
Material	Nylon
Use	< 24 Hours

Example Cardiovascular Insertion



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