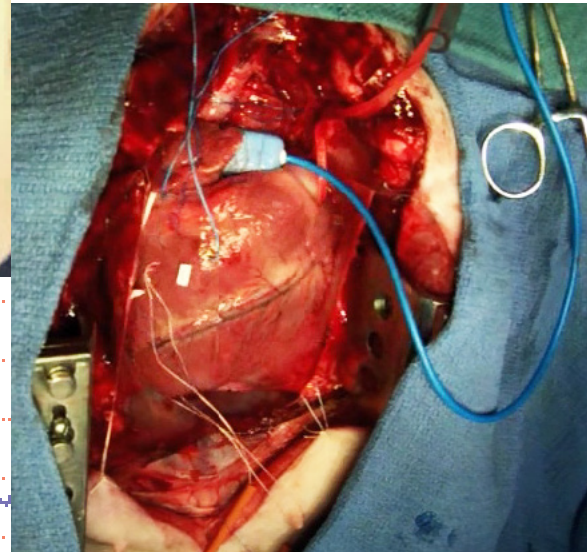
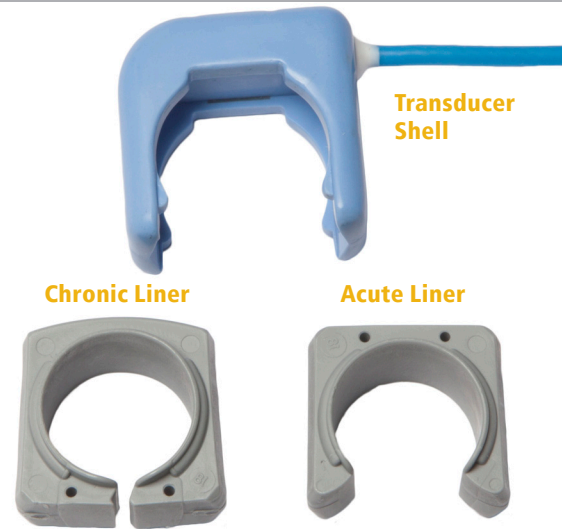
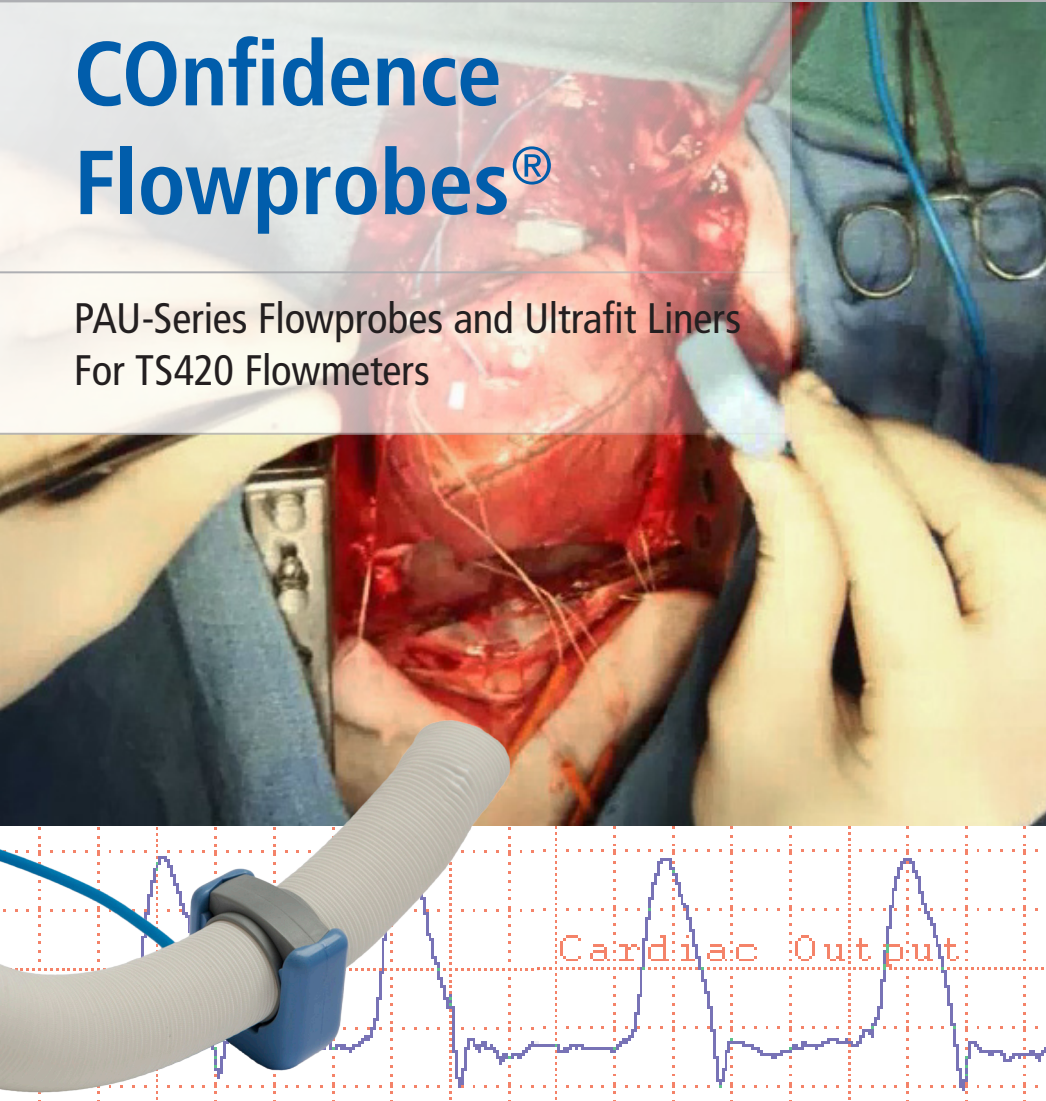


COncidence Flowprobes®

PAU-Series Flowprobes and Ultrafit Liners
For TS420 Flowmeters



A completely new concept in ultrasonic Flowprobe design

- Reusable transducer shell with easy-to-use flexible Ultrafit Liners
- Gold standard measurement using X-pattern transit-time ultrasound illumination
- Immediate, accurate beat-to-beat flow measurements with a minimum of coupling gel
- High resolution quality and uninterrupted signal continuity during intraoperative use & post implant recovery
- Incrementally sized liners for optimal vessel fit
- Vessel protection and cushioning for the duration of the implant
- Compatible with TS420 Flowmeters and PhysioGear® pocket telemetry system
- For Ascending Aorta, Pulmonary Artery, Cardiac Output & other vessel sites
- Custom calibration available for grafts and VADs

COncidence Flowprobe® Ordering & Specifications

Acute Catalog #: MA - _____ PAU Acute configuration has a 2 meter
Size cable & CRA10 Connector

Custom Catalog #: MC - _____ PAU - _____ - _____ - GAC - _____
Size Cable Length Connector PhysioGear

Example:

MC-16PAU-WC60-CRS10-GAC (Custom 16 mm PAU-Series Probe with 60 cm cable, CRS10 connector and acute/chronic calibration)



Custom Flowprobe (MC-20PAU-WC200-CS12-GAC) with cable and connector.

ULTRAFIT LINERS

Ultrafit Liners are recommended for single use only.

COncidence Flowprobes® (size 8 - 28 mm) are sold with one acute (open) and one chronic (closed) Ultrafit Liner of each size available per shell. Sizes 32 & 36 mm are supplied with acute liners only (may be modified for chronic use).

Replacement liners supplied in packets of five of each size and style.

Acute Liners Re-order #: _____ PAUL - _____ A
Shell Size Liner Size

Chronic Liners Re-order #: _____ PAUL - _____ C
Shell Size Liner Size



Acute (open) liner

Chronic (closed) liner



Probes come with one of each available liner type & size.

PROBE SIZE & SERIES	ULTRAFIT LINERS	VESSEL OD		BIDIRECTIONAL FLOW OUTPUTS				ACCURACY SPECIFICATIONS ⁴			ULTRASOUND FREQUENCY
		MA-ACUTE	MC-CHRONIC	RESOLUTION ¹	LOW FLOW (¼ SCALE) ²	STANDARD FLOW ²	MAX FLOW (STD)	ZERO OFFSET ³	ABSOLUTE	RELATIVE	
	mm	mm	mm	ml/min	ml/min	ml/min	ml/min	ml/min	%	%	MHz
8PAU	8	6 - 8	6 - 7	4	500	2 L	10 L	± 20	± 10	± 2	3.6
10PAU	10	8 - 10	8 - 9	4	500	2 L	10 L	± 20	± 10	± 2	3.6
12PAU	12	9 - 12	9 - 11	8	1 L	4 L	20 L	± 40	± 10	± 2	2.4
14PAU	14	11 - 14	11 - 13	8	1 L	4 L	20 L	± 40	± 10	± 2	2.4
16PAU	16	12 - 16	12 - 15	20	2.5 L	10 L	50 L	± 100	± 10	± 2	1.8
20PAU	18, 20	16 - 20	16 - 19	20	2.5 L	10 L	50 L	± 100	± 10	± 2	1.8
24PAU	22, 24	19 - 24	19 - 23	40	5 L	20 L	100 L	± 200	± 10	± 2	1.2
28PAU	26, 28	22 - 28	22 - 27	40	5 L	20 L	100 L	± 200	± 10	± 2	1.2
32PAU	30, 32	25 - 32	25 - 31 ⁵	80	10 L	40 L	200 L	± 400	± 10	± 2	0.9
36PAU	34, 36	28 - 36	28 - 35 ⁵	80	10 L	40 L	200 L	± 400	± 10	± 2	0.9

1. Resolution: represents the smallest detectable change in flow, a factor in accuracy.

2. Flowprobes operate in one of two scales: low flow or normal flow, determined by the range of flow under study. Flowprobes measure bidirectional flow up to 5 times the selected scale setting. The scale settings calibrates the 1 volt reference signal for data collection; the linear range of the Flowmeter is equal to ± 5 volts. By using the "low flow button", measurement sensitivity is increased by a factor of four. This linear overage is important for the proper recording of highly pulsatile peak flows.

3. Zero offset on individual probes is often lower than this value.

4. The Absolute Accuracy percentage can be raised to relative accuracy levels by in situ calibration.

5. 32PAU and 36PAU Probes are only supplied with acute liners and may require modification for chronic use.

