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
# COnfidence Flowprobe® Ordering & Specifications

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

**Custom Catalog #: MC - ____ PAU - ____ GAC - ____**

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

## ULTRAFIT LINERS

Ulrafit Liners are recommended for single use only.  
COnfidence Flowprobes® (size 8 - 28 mm) are sold with one acute (open) and one chronic (closed) Ulrafit 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

### PROBE SIZE & SERIES  
**ULTRAFIT LINERS**  
**VESSEL OD**  
**BIDIRECTIONAL FLOW OUTPUTS**  
**ACCURACY SPECIFICATIONS**  
**ULTRASOUND FREQUENCY**

<table>
<thead>
<tr>
<th>PROBE SIZE &amp; SERIES</th>
<th>ULTRAFIT LINERS</th>
<th>VESSEL OD</th>
<th>BIDIRECTIONAL FLOW OUTPUTS</th>
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<th>ULTRASOUND FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MA-ACUTE</td>
<td>MC-CHRONIC</td>
<td>Resolution¹</td>
<td>Low Flow (% Scale)²</td>
<td>Standard Flow³</td>
</tr>
<tr>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td></td>
<td>ml/min</td>
<td>ml/min</td>
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<tr>
<td>8PAU</td>
<td>8</td>
<td>6 - 8</td>
<td>4</td>
<td>500</td>
<td>2 L</td>
</tr>
<tr>
<td>10PAU</td>
<td>10</td>
<td>8 - 10</td>
<td>4</td>
<td>500</td>
<td>2 L</td>
</tr>
<tr>
<td>12PAU</td>
<td>12</td>
<td>9 - 12</td>
<td>8</td>
<td>1 L</td>
<td>4 L</td>
</tr>
<tr>
<td>14PAU</td>
<td>14</td>
<td>11 - 14</td>
<td>8</td>
<td>1 L</td>
<td>4 L</td>
</tr>
<tr>
<td>16PAU</td>
<td>16</td>
<td>12 - 16</td>
<td>8</td>
<td>2.5 L</td>
<td>10 L</td>
</tr>
<tr>
<td>20PAU</td>
<td>18, 20</td>
<td>16 - 20</td>
<td>20</td>
<td>2.5 L</td>
<td>10 L</td>
</tr>
<tr>
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<td>22, 24</td>
<td>19 - 24</td>
<td>40</td>
<td>5 L</td>
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</tr>
<tr>
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<td>26, 28</td>
<td>22 - 28</td>
<td>40</td>
<td>5 L</td>
<td>20 L</td>
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<tr>
<td>32PAU</td>
<td>30, 32</td>
<td>25 - 32</td>
<td>80</td>
<td>10 L</td>
<td>40 L</td>
</tr>
<tr>
<td>36PAU</td>
<td>34, 36</td>
<td>28 - 36</td>
<td>80</td>
<td>10 L</td>
<td>40 L</td>
</tr>
</tbody>
</table>

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 “flow low 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.

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[www.transonic.com](http://www.transonic.com)