The AcQMap system is a stand-alone EP mapping platform that has the unique ability to create cardiac anatomy utilizing ultrasound and provide full chamber ultra-high resolution, real-time 3D maps of stable and unstable atrial arrhythmias.

### 3D Imaging, Mapping & Navigation System
- 3D ultra-high resolution ultrasound imaging
- Full chamber single beat mapping capability
- Enable mapping of stable and unstable rhythms

### Standalone Open Platform System
- Compatible with a wide range of diagnostic and therapeutic tools
- Maintain customer preference for ablation and mapping catheters

### Multiple Mapping Modes
- Contact mapping for simple anatomical ablations
- Hover mapping with SuperMap for multi-morphic, repetitive rhythms
- Single position non-contact mapping of unstable arrhythmias

**AcQMap System includes the following components:**

<table>
<thead>
<tr>
<th>ORDER NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>900100</td>
<td>AcQMap High Resolution Imaging and Mapping System</td>
</tr>
<tr>
<td>800500</td>
<td>AcQMap Console</td>
</tr>
<tr>
<td>800520</td>
<td>AcQMap Workstation</td>
</tr>
<tr>
<td>800604</td>
<td>AcQMap Auxiliary Interface Box</td>
</tr>
<tr>
<td>800522</td>
<td>AcQMap ECG Out w/Snaps Cable</td>
</tr>
<tr>
<td>800524</td>
<td>AcQMap ECG POST Cable</td>
</tr>
<tr>
<td>800523</td>
<td>AcQMap 2mm Pin Jumper Set</td>
</tr>
<tr>
<td>800505</td>
<td>AcQMap Ablation Reference Cable</td>
</tr>
<tr>
<td>800508</td>
<td>AcQMap Ablation Electrogram Interface Cable</td>
</tr>
<tr>
<td>800430</td>
<td>AcQMap → Abbott Ampere Ablation Catheter Adapter Cable</td>
</tr>
<tr>
<td>800431</td>
<td>AcQMap → Abbott Ampere RF Generator Adapter Cable</td>
</tr>
</tbody>
</table>

**Generator**
- Stockert
- SMARTABLATE®
- Abbott Ampere™

**Cable 1**
- Biosense Webster
- Biosense Webster
- St. Jude/Abbott

**Cable 2**
- N/A
- N/A
- 800430

**Cable 3**
- N/A
- N/A
- 800431

**Cable 4**
- Biosense Webster
- Biosense Webster
- St. Jude/Abbott
The AcQMap 3D Imaging and Mapping Catheter is an advanced, non-contact, intracardiac catheter used for mapping the atrial substrate.

ORDER NUMBER | DESCRIPTION | USABLE LENGTH | DEPLOYED DIAMETER | GUIDEWIRE COMPATIBILITY | NUMBER OF ELECTRODES | NUMBER OF ULTRASOUND TRANSDUCERS
--- | --- | --- | --- | --- | --- | ---
900003 | AcQMap 3D Imaging and Mapping Catheter | 100 cm | 25 mm | 0.032 in | 48 | 48

The AcQMap Patient Electrode Kit is compatible with the AcQMap High Resolution 3D Imaging and Mapping System.

ORDER NUMBER | USED WITH | DESCRIPTION | CONTENTS (PER KIT)
--- | --- | --- | ---
800365-003 | AcQMap System 900100 | AcQMap Patient Electrode Kit | 6 - Localization Dispersive Electrodes 1 - Patient Return Electrode 15 - Repositionable Monitoring Electrodes
800365-001 | AcQMap System 900000 | AcQMap Patient Electrode Kit | 6 - Localization Dispersive Electrodes 1 - Patient Return Electrode 15 - Repositionable Monitoring Electrodes
Enhanced Procedural Efficiency

- Left-handed operation of introducer allows for simultaneous right-hand control of ablation catheters
- ± 180° deflection with single full actuation cycle

Designed for Patient Safety & Physician Confidence

- On-demand needle deployment
- Automatic length matched needle/dilator reduces risk of skiving
- Safely advance system over guidewire into LA
- Localization/repeat localization of fossa ovalis without needle/guidewire exchange
- Improved needle visualization on intracardiac echocardiography
- EGM-based positioning through dilator facilitates fossa ovalis localization

Enhanced Procedural Efficiency

- Facilitate positioning with fixed distal curve
- Enhanced torqueability and indication of introducer tip curve direction

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>PRODUCT DESCRIPTION</th>
<th>PRODUCT CATEGORY</th>
<th>ITEM #</th>
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<tbody>
<tr>
<td>AcQGuide® FLEX - 65 cm - MED Curl</td>
<td>65 cm, Med Curl, 8.5F ID, 12F OD</td>
<td>Steerable Introducer</td>
<td>122852</td>
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<tr>
<td>AcQGuide® FLEX with RF - 65 cm - MED Curl</td>
<td>65 cm, Med Curl, 8.5F ID, 12F OD</td>
<td>Steerable Introducer</td>
<td>222852</td>
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<tr>
<td>AcQGuide® MINI - 65 cm - L2</td>
<td>65 cm, 90 deg, 8.5F ID, 12F OD</td>
<td>Catheter Introducer</td>
<td>112852</td>
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<td>AcQGuide® MINI with RF - 65 cm - L2</td>
<td>65 cm, 90 deg, 8.5F ID, 12F OD</td>
<td>Catheter Introducer</td>
<td>212852</td>
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<tr>
<td>AcQGuide® MINI-S with RF - 65 cm - L2</td>
<td>65 cm, 90 deg, 8.5F ID, 12F OD</td>
<td>Catheter Introducer</td>
<td>012852</td>
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</table>
AcQRef is a dual-purpose introducer sheath with integrated electrodes that provides stable electrical reference and eliminates the need for an additional introducer and quadrapolar reference catheter.

**KEY ATTRIBUTES**

- Vascular access for Auxiliary EP catheters (7 F)
- Stable electrical reference

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<tr>
<th>ORDER NUMBER</th>
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<th>I.D.</th>
<th>O.D.</th>
<th>WORKING LENGTH</th>
<th>OVERALL LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>900005</td>
<td>AcQRef Introducer Sheath</td>
<td>7 F</td>
<td>10.8 F</td>
<td>30 cm</td>
<td>34 cm</td>
</tr>
</tbody>
</table>

The AcQGuide MAX sheath provides optimal maneuverability and increased control, providing a stable platform to ensure smooth catheter passage and precision placement.

**KEY ATTRIBUTES**

- Unidirectional steering with 0-180 degree deflection
- Braided shaft — improved torque response and stability
- Atraumatic tip — seamless transition into vasculature and septal crossing

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<th>OVERALL LENGTH</th>
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</thead>
<tbody>
<tr>
<td>900002</td>
<td>AcQGuide MAX Steerable Sheath</td>
<td>12.8 F</td>
<td>16 F</td>
<td>75 cm</td>
<td>94.0 cm</td>
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</tbody>
</table>
For more information please contact your Acutus Medical representative:

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2210 Faraday Ave
Suite 100
Carlsbad, CA 92008
United States
Phone: +1-442-232-6080
acutus.com

Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use. The AcQMap, AcQGuide and AcQRef devices are CE Marked and FDA cleared. The AcQGuide FLEX and MINI devices are FDA cleared.
acutus.com/patents