IP-ECHO™
Ultrasound imaging at your fingertips

www.nipro.com
NIPRO IP-ECHO™

Handheld ultrasound imaging system

View, assess, cannulate

Nipro’s IP-ECHO™ is an innovative ultrasound device that offers a direct "inside" view before, during, and after cannulation.

- Visualize the condition of the vasculature and evaluate its suitability for access
- Ensure the precise assessment of the AV fistula, graft, and vasculature, as well as needle positioning
- Achieve accurate, first-attempt cannulations by viewing the vessel at the point of cannulation

Increase success, reduce complications

This compact, easy to use ultrasound device allows you to:

- Address vasculature that have a history of prior complications
- Reduce the risks and costs related to vascular access complications
- Optimize patient comfort and clinician confidence

“Ultrasound-guided techniques enable precise vascular cannulation, which can result in significant patient and financial impact.”

Kamata et al. Renal Replacement Therapy (2016) 2:7
User-friendly, innovative design

With its unique ergonomic design, IP-ECHO™ allows you to **view the image directly at the point of puncture** with no need to shift your focus to look at a distant screen.

- All in a single handheld device; no additional viewing device or app required
- Easy to use with no cables to get in the way
- Vertical and horizontal vascular views, with magnification feature and a depth range of up to 3 cm, displayed on its large LCD screen
- Freeze or unfreeze the image; maintain continuous access to the image throughout the procedure
- Stand-by mode for fast and easy start up
- Winner of the 2019 Good Design Award in Japan

**Vertical and horizontal views, directly at the point of puncture**
Take IP-ECHO™ wherever, whenever

For standard, acute, or emergency assessments, we offer an optional **carrying case kit**.

This specialized carrying case can hold the following:

- IP-ECHO™ device
- Charging cradle & power cord
- Single-use Polyethylene (PE) probe covers*
- Non-sterile ultrasound gel (250 ml bottle)*

*Not included in the purchase of the Starter Kit

"Ultrasound use has become the standard of care in many hemodialysis units around the world."

Highlights

1. Depth scale
   Indicates depth of a cross-sectional image

2. LCD screen
   Displays power, battery level, image freeze, depth scale, and other parameters

3. Thumb rest
   For ergonomic one-handed grip

4. Transducer
   Built into the device

5. Finger rest
   For ergonomic one-handed grip

6. Protector wing mounts
   For secure yet easy removal and reattachment of probe protector

Specifications

<table>
<thead>
<tr>
<th>Category</th>
<th>Handheld ultrasonic imaging device</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
<td>Class II</td>
</tr>
<tr>
<td>Frequency</td>
<td>5-10 MHz</td>
</tr>
<tr>
<td>Effective range</td>
<td>18.9 mm (width)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>149 x 76 x 25 mm</td>
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<tr>
<td>Weight</td>
<td>230 g</td>
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<tr>
<td>Battery</td>
<td>Rechargeable lithium-ion</td>
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Ordering information

<table>
<thead>
<tr>
<th>Product code</th>
<th>Description</th>
<th>AVAILABLE FOR PURCHASE ONLY IN CANADA</th>
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<tbody>
<tr>
<td>FSY-217</td>
<td>IP-ECHO™ system</td>
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<td></td>
<td>Includes charging cradle and power cord</td>
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YOUR LINK BETWEEN PATIENT AND CARE

Nipro Medical Corporation is a subsidiary of Nipro Corporation Japan, established in 1954 and a world-leader in healthcare with over 30,000 employees around the globe. We are committed to delivering innovative, high quality solutions in the form of renal, medical-surgical, and vascular products. This fundamental objective drives us to develop cutting-edge, value-added products for healthcare professionals that are safe, effective, and easy to use.

As an integral part of a vast global manufacturing network, Nipro Medical Corporation’s North America division is responsible for managing the sales, marketing, and business operations of the United States and Canada – unified in our commitment to improving patient care and quality of life.