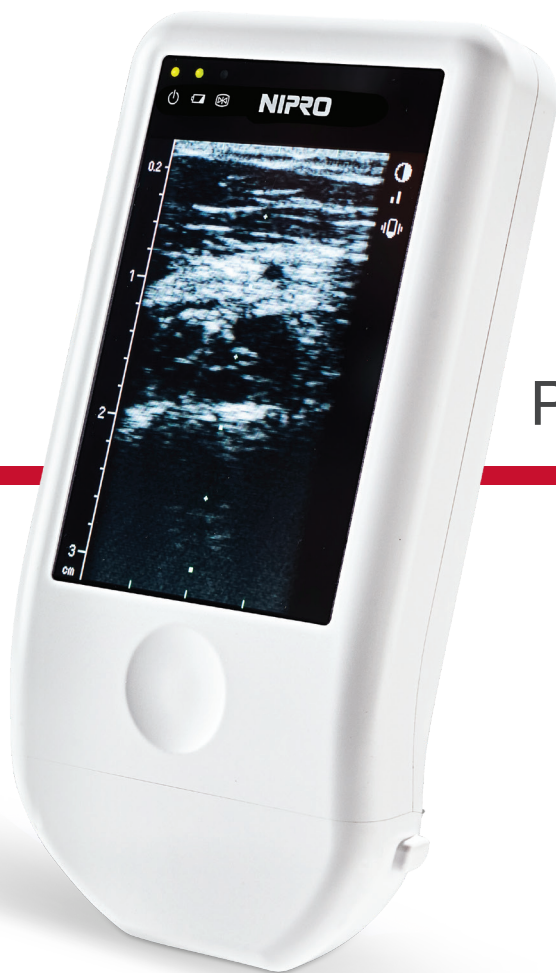


IP-ECHO™

Ultrasound imaging at your fingertips



PRODUCT DATA SHEET



NIPRO IP-ECHO™

Handheld ultrasound imaging system

- Easy to use ultrasound device for a direct “inside” view before, during, and after cannulation (e.g. vascular assessment, needle puncture & positioning)
- Vertical and horizontal views, directly at the point of puncture
- Focus on the puncture site and large LCD screen at the same time, in real-time
- Freeze and unfreeze image, magnify with a depth range up to 3 cm, and adjust the gain
- Compact design with built-in finger rests for a secure, one-handed grip
- No cables or additional app/device required
- Built-in battery and stand-by mode for quick start up
- Winner of the 2019 Good Design Award in Japan

Shelf life

Single-use only

No

Battery shelf life

2 years



Manufacturing details

Legal manufacture: Nipro Corporation

Country of origin: Japan

Product compliance

Class II Medical Device

- IEC-60601-1-2:2007
- ISO 780:2015
- ISO 10993-1-2018
- ISO 10993-5:2009
- ISO 10993-10:2010

Individual unit: Weight & dimensions

	Main unit	Charger unit
Weight	230 g	135 g
Dimensions	H 149 mm W 76 mm D 25 mm	H 27 mm W 85 mm D 165 mm

Materials used

1. Exterior: SAS Resin
2. Display: Polyethylene terephthalate (PET)
3. Protector (not pictured): Polycarbonate (PC)

Operating conditions & specifications

Temperature: 10°C to 35°C

Humidity: 35-75% RH

Atmospheric pressure: 800-1060 hPa

Depth: 32 mm (display) | 30 mm (reach) | 18.9 mm (width)

Distance resolution: 2 mm or less

Directional resolution: 2 mm or less

Acoustic operating frequency: 5-10MHz

Additional specifications

Waterproof grade: IPX1 (main unit) | IPX0 (charger unit)

Battery: Built-in lithium ion

Power supply: Charger unit (AC adapter)

FRONT



BACK



Voltage

100 VAC $\pm 10\%$



Frequency

50/60 Hz $\pm 10\%$



Current

0.4A (max)



Product codes

	Description	Details
FSY-217	IP-ECHO™ system	Includes charging cradle and power cord

AVAILABLE FOR PURCHASE ONLY IN CANADA

Transport & storage conditions

Temperature: -20°C to 50°C (avoid extremely high and low temperatures)

Humidity: 10% to 90% RH (avoid moisture and condensation)

Atmospheric pressure: 800 to 1060 hPa














Languages: English (EN) on all levels of packaging. IFU in English (EN) and French (FR).



Packaging: Weight & dimensions

	Weight	Dimensions:
Individual box	900 g	H 66 mm W 302 mm D 217 mm
Outer box	10.85 kg	H 413 mm W 535 mm D 439 mm

Label details

	Individual box	Outer box
Model name	✓	✓
Contents	✓	✓
Ref/product code	✓	✓
Manufacturer	✓	✓
Barcode	✓	✓
Serial number (S/N)	✓	✓ (Included with UDIN)
	✓	—
	✓	—
	✓	—
	✓	—
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Ultrasound imaging at your fingertips



Your link between patient and care



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