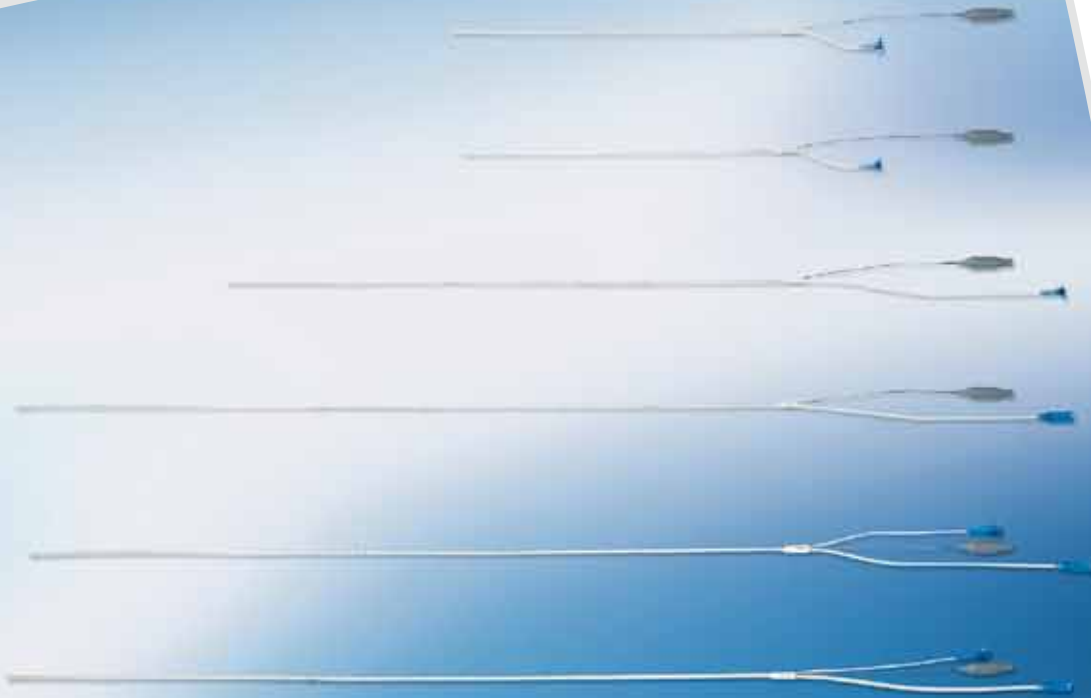


**VENTILATION
Edi CATHETER**



Neurally Adjusted Ventilatory Assist

(NAVA®) technology is a mode of mechanical ventilation where the ventilator is controlled directly by the patient's own neural control of breathing. The neural control of respiration originates in the respiratory center, and signals are transmitted through the phrenic nerve to create an electrical activity of the diaphragm (Edi).

With NAVA, these signals are monitored using bipolar electrodes in the disposable Edi Catheter which is positioned in the esophagus at the level of the diaphragm. A range of

catheter diameters (French) and lengths ensure optimized signal quality across all patient categories.

Edi Catheters

- Detect electrical activity of the diaphragm
- Enable NAVA ventilation mode
- Available for neonatal, pediatric, and adult patients
- Also act as a normal nasogastric feeding tube
- Barium sulfate strip for x-ray identification
- Phthalate-free

EDI CATHETER TECHNICAL SPECIFICATIONS

General Specifications

Gastric tube material	Polyurethane, medical grade
Electrode material	Stainless steel
Number of electrodes	10
X-ray identification	Barium sulfate strip
Sterile	Gamma sterilized
Shelf life	2 years
Usage time	≤5 days
Test voltage class	5 kV, according to IEC 60601-1
Dimensions for package of 5 catheters	17.3 x 11.8 x 7.5 in (440 x 300 x 190 mm)
Dimensions for individual catheter package	16.5 x 11.0 x 1.4 in (420 x 280 x 35 mm)

Transport Conditions

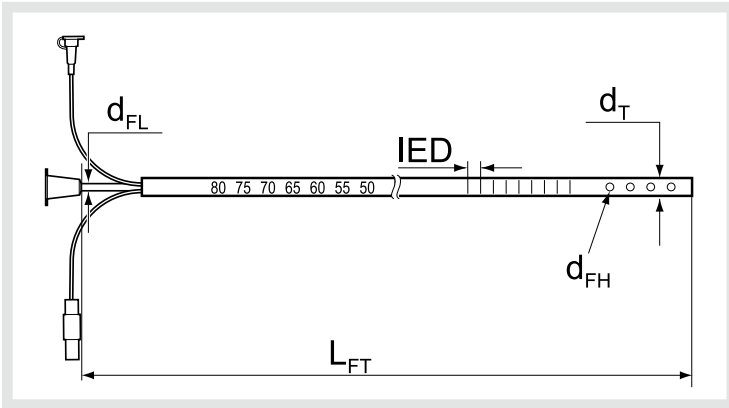
Ambient temperature	-40° to 140°F (-40° to 60°C)
Humidity	0% to 95% RH (including condensing)
Ambient pressure	353 to 795 mmHg (470 to 1060 mbar)

Operating Conditions

Ambient temperature	50° to 113°F (10° to 45°C)
Humidity	15% to 100% RH (humid environment in esophagus)
Ambient pressure	375 to 1125 mmHg (500 to 1500 mbar); esophageal pressure



EDI CATHETER SELECTION GUIDELINES



- L_{FT} —total length of feeding tube
- d_T —tube outer diameter
- d_{FL} —feeding lumen inner diameter
- d_{FH} —diameter of feeding holes
- IED—distance between electrodes

	16Fr / 125 cm	8Fr / 125 cm	12Fr / 125 cm	8Fr / 100 cm	6Fr / 50 cm	6Fr / 49 cm
Patient Height	>55.1 in (>140 cm)	>55.1 in (>140 cm)	29.5 to 63.0 in (75 to 160 cm)	17.7 to 33.5 in (45 to 85 cm)	<21.7 in (<55 cm)	<21.7 in (<55 cm)
Patient Weight	—	—	—	—	2.2 to 4.4 lb (1.0 to 2.0 kg)	1.1 to 3.3 lb (0.5 to 1.5 kg)
Type of lumen	Dual	Single	Dual	Single	Single	Single
L_{FT}	125 cm	125 cm	125 cm	100 cm	50 cm	49 cm
d_T	5.3 mm	2.7 mm	4.0 mm	2.7 mm	2.0 mm	2.0 mm
d_{FL}	2.9 mm	1.2 mm	2.4 mm	1.2 mm	0.8 mm	0.8 mm
d_{FH}	2.0 mm	0.9 mm	2.0 mm	0.9 mm	0.9 mm	0.9 mm
IED (inter electrode distance)	16	16	12	8	6	6
Number of feeding holes	4 (2nd and 4th holes are angled)	4 (2nd and 4th holes are angled)	4 (2nd and 4th holes are angled)	2 (2nd hole is angled)	2 (2nd hole is angled)	2 (2nd hole is angled)
Feeding lumen connector type	Universal funnel connector	Universal funnel connector	Universal funnel connector	Luer female connector	Luer female connector	Luer female connector
Auxiliary lumen connector type	Luer female connector with lid	—	Luer female connector with lid	—	—	—

Ordering Information

Catheter Size	Quantity/Package	Order Number
16Fr / 125 cm	5	66 85 790
12Fr / 125 cm	5	66 85 787
8Fr / 125 cm	5	66 85 782
8Fr / 100 cm	5	66 85 780
6Fr / 50 cm	5	66 85 777
6Fr / 49 cm	5	66 85 775

MAQUET

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