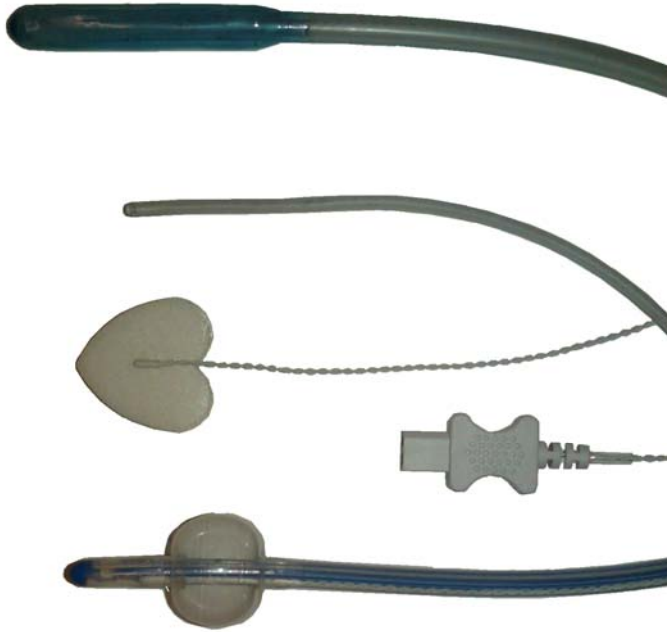


Model 4400 Disposable Temperature Probes



- Full Disposable Probe Product Line
 - Esophageal/Stethoscope probes, 12, 18 & 24FR
 - General Purpose probes, 9 & 12FR
 - Skin probes with adhesive "Tempheart"
 - Foley Catheter probes, 14, 16, 18FR
- Sterile single-use product
- FDA Registered
- CE Marked for global sales
- Multi-language Instructions for Use & product labeling
- "Molex" style connector system
- 400 series nominal resistance response curve
- 2252.4 ohm Resistance @ 25°C (including adaptor cable lead wire resistance)
- Interchangeable $\pm 0.1^{\circ}\text{C}$, 25°C to 45°C per EN 12470
- RoHS Compliant



DESCRIPTION

A line of 400-series, sterile, single-use temperature probes in multiple styles to meet specific continuous patient temperature monitoring applications.

FEATURES

- FDA / CE MDD
- Standard 400 series resistance response
- Various application specific configurations
- Individual Sterile pouch with 3-year shelf life
- "Molex" style connector
- Multiple probes per box (10 / box for Foleys, 20 / box for other styles)

APPLICATIONS

- Continuous patient monitoring
- Esophageal temperature measurement (4491, 4492)
- Rectal temperature measurement (4491, 4492)
- Skin temperature measurement (4499)
- Esophageal temperature & monitor heart sounds (4412, 4418, 4424)
- Urinary drainage & bladder temperature (4464, 4466, 4468)

Model 4400 Disposable Temperature Probes

PERFORMANCE SPECS

Parameter	Units	Value
Resistance @ 25°C (including lead resistance)	Ohms	2252.4
Tolerance 25°C to 45°C	°C	± 0.1
Beta Value 25/85	K	3976
Tolerance on Beta Value	%	0.4
Typical response time in stirred fluid	Seconds	< 40
Insulation Resistance (Min. of 100Mohms for 1 Sec.)	Volts	500
Liquid immersion with 15VDC applied	Ohms	> 15Meg

MECHANICAL DETAILS

Probe Style	Probe Length	Probe Diameter (FRENCH)
Skin Probe (4499 & 4499RJ)	30 inches, 762 mm	Not Applicable
9FR General Purpose (4491 & 4491RJ)	36 inches, 914 mm	3 mm (9)
12FR General Purpose (4492)	36 inches, 914 mm	4 mm (12)
12FR Esophageal / Stethoscope (4412)	18.5 inches, 470 mm	4 mm (12)
18FR Esophageal / Stethoscope (4418)	18.5 inches, 470 mm	6 mm (18)
24FR Esophageal / Stethoscope (4424)	18.5 inches, 470 mm	8 mm (24)
14FR Foley Catheter w/5 cc balloon (4464)	15.6 inches, 395 mm	4.7 mm (14)
16FR Foley Catheter w/5 cc balloon (4466)	15.6 inches, 395 mm	5.3 mm (16)
18FR Foley Catheter w/5 cc balloon (4468)	15.6 inches, 395 mm	6 mm (18)
4940 Adaptor Cable	10 feet, 3048mm	Not Applicable

RESISTANCE VS TEMPERATURE VALUES

Temp °C	K Ohms	Temp °C	K Ohms	Temp °C	K Ohms	Temp °C	K Ohms
25	2.2524	30	1.8154	35	1.4714	40	1.2004
26	2.1564	31	1.7394	36	1.4124	41	1.1524
27	2.0644	32	1.6674	37	1.3554	42	1.1074
28	1.9774	33	1.5994	38	1.3014	43	1.0644
29	1.8944	34	1.5334	39	1.2494	44	1.0234
						45	0.9842

FUNCTION

Continuous Temperature monitoring of patients (application depends upon probe style).

Model 4400 Disposable Temperature Probes

ORDERING INFORMATION

Part Number	Description	Ω @25°C	MOQ
861527	4491 9Fr General Purpose Probe (Box of 20)	2252.4 *	10 Boxes
861528	4492 12Fr General Purpose Probe (Box of 20)	2252.4 *	10 Boxes
861552	4499 Skin Probe (Box of 20)	2252.4 *	10 Boxes
861558	4412 12Fr Esophageal/Stethoscope (Box of 20)	2252.4 *	10 Boxes
861559	4418 18Fr Esophageal/Stethoscope (Box of 20)	2252.4 *	10 Boxes
861573	4424 24Fr Esophageal/Stethoscope (Box of 20)	2252.4 *	10 Boxes
861555	4464 14Fr Foley Catheter (Box of 10)	2252.4 *	10 Boxes
861556	4466 16Fr Foley Catheter (Box of 10)	2252.4 *	10 Boxes
861557	4468 18Fr Foley Catheter (Box of 10)	2252.4 *	10 Boxes
861517	4940 Adaptor Cable (1 each)	N/A	10
861526TP	4491RJ 9Fr General Purpose Probe w/RJ11 connector (old YSI style) (Box of 20)	2252.4 *	10 Boxes
861551TP	4499RJ Skin Probe w/RJ11 connector (old YSI style) (Box of 20)	2252.4 *	10 Boxes
861517RJ	4940RJ Adaptor Cable for RJ11 connectors (1 each)	N/A	10

* When using 4940 adaptor cable

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