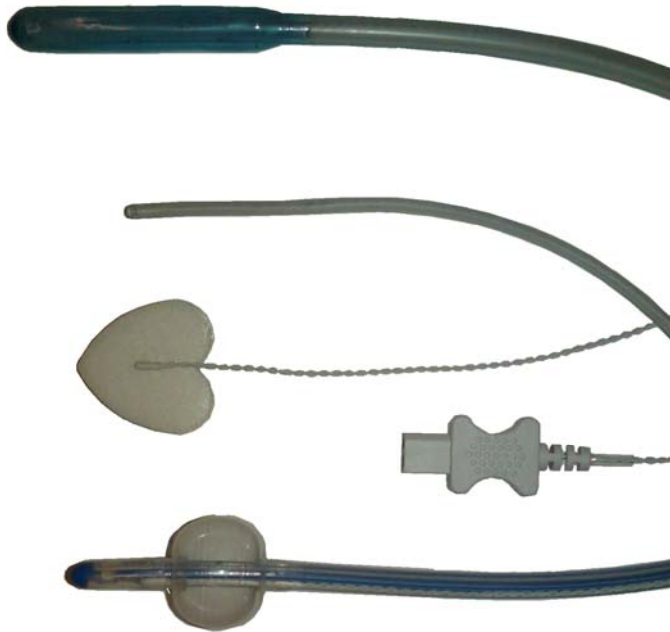




# Model 4400 Disposable Temperature Probes



- 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
25	2.2524
26	2.1564
27	2.0644
28	1.9774
29	1.8944

Temp °C	K Ohms
30	1.8154
31	1.7394
32	1.6674
33	1.5994
34	1.5334

Temp °C	K Ohms
35	1.4714
36	1.4124
37	1.3554
38	1.3014
39	1.2494

Temp °C	K Ohms
40	1.2004
41	1.1524
42	1.1074
43	1.0644
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	$\Omega$ @25°C	MOQ
<a href="#">861527</a>	4491 9Fr General Purpose Probe (Box of 20)	2252.4 *	10 Boxes
<a href="#">861528</a>	4492 12Fr General Purpose Probe (Box of 20)	2252.4 *	10 Boxes
<a href="#">861552</a>	4499 Skin Probe (Box of 20)	2252.4 *	10 Boxes
<a href="#">861558</a>	4412 12Fr Esophageal/Stethoscope (Box of 20)	2252.4 *	10 Boxes
<a href="#">861559</a>	4418 18Fr Esophageal/Stethoscope (Box of 20)	2252.4 *	10 Boxes
<a href="#">861573</a>	4424 24Fr Esophageal/Stethoscope (Box of 20)	2252.4 *	10 Boxes
<a href="#">861555</a>	4464 14Fr Foley Catheter (Box of 10)	2252.4 *	10 Boxes
<a href="#">861556</a>	4466 16Fr Foley Catheter (Box of 10)	2252.4 *	10 Boxes
<a href="#">861557</a>	4468 18Fr Foley Catheter (Box of 10)	2252.4 *	10 Boxes
<a href="#">861517</a>	4940 Adaptor Cable (1 each)	N/A	10
<a href="#">861526TP</a>	4491RJ 9Fr General Purpose Probe w/RJ11 connector (old YSI style) (Box of 20)	2252.4 *	10 Boxes
<a href="#">861551TP</a>	4499RJ Skin Probe w/RJ11 connector (old YSI style) (Box of 20)	2252.4 *	10 Boxes
<a href="#">861517RJ</a>	4940RJ Adaptor Cable for RJ11 connectors (1 each)	N/A	10

\* When using 4940 adaptor cable

## 联系方式



深圳市亿为测控电子有限公司  
Shenzhen Bill-Well Measurement & Control Electronics Co., Ltd.

广东省深圳市南山区创业路怡海广场东座2407 邮编：518000

电话：+86 755 2641 9890 传真：+86 755 2641 9680

电子邮箱：sales@bill-well.com