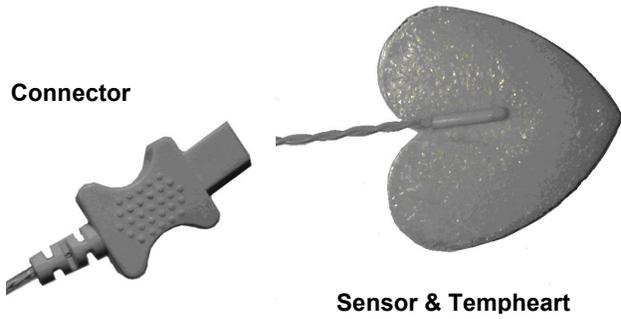


# Model 4499 Sterile, Single-Use, Skin Probe



- FDA Registered
- CE Marked for global sales
- Sterile single-use probe
- Skin surface measurement
- 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,
- "Molex" style connector
- Reflective adhesive "Tempheart" pad included

## DESCRIPTION

400-series sterile single-use temperature probe for skin surface measurement

## FEATURES

- FDA / CE MDD
- Standard 400 series resistance response
- Skin probe sensor with adhesive "Tempheart"
- Individual Sterile pouch with 3-year shelf life
- "Molex" style connector
- 20 probes per box

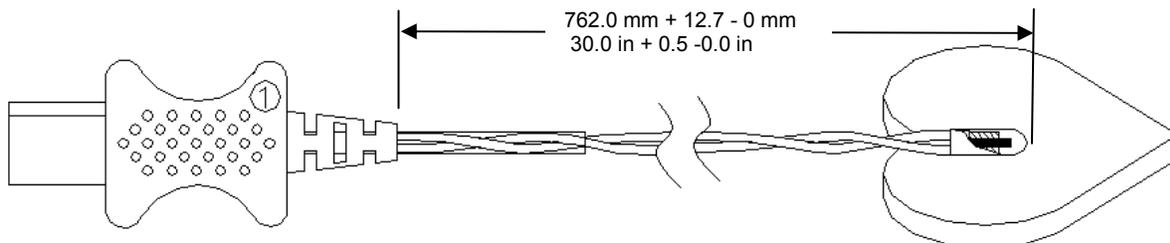
## APPLICATIONS

- Continuous patient monitoring
- Skin temperature measurement

## PERFORMANCE SPECS

Parameter	Units	Value
Resistance @ 25°C (including lead resistance)	Ohms	2252.4
Tolerance 25°C to 45°C	°C	$\pm 0.1$
Beta Value 25/85	K	3976
Tolerance on Beta Value	%	0.4
Typical response time in stirred fluid	Seconds	< 9
Insulation Resistance (Min. of 100Mohms for 1 Sec.)	Volts	500
Liquid immersion with 15VDC applied	Ohms	> 15Meg

## MECHANICAL DETAILS



# Model 4499 Sterile, Single-Use, Skin Probe



## 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

## ORDERING INFORMATION

Part Number	Description	$\Omega$ @25°C	MOQ
861552	4499 Skin Probe (Box of 20)	2252.4 *	10 Boxes

\* When using 4940 adaptor cable

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