



## MODEL 729 SKIN PROBE

- FDA pre-amendment status
- 700 series nominal resistance response curve
- 6K and 30K thermistor composite
- Interchangeable  $\pm 0.15^{\circ}\text{C}$ ,  $25^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  when used with compatible 700 series instruments
- Pressed disk ceramic sensors
- Teflon® ribbon cable at thermistor
- $\frac{1}{4}$ " phone plug connector (3-conductor)

### FEATURES

- Standard 700 series resistance response
- Reuse after cleaning
- $\frac{1}{4}$ " phone plug connector (3-conductor)

### APPLICATIONS

- Continuous patient monitoring
- Skin temperature measurement

700-series skin surface probe.

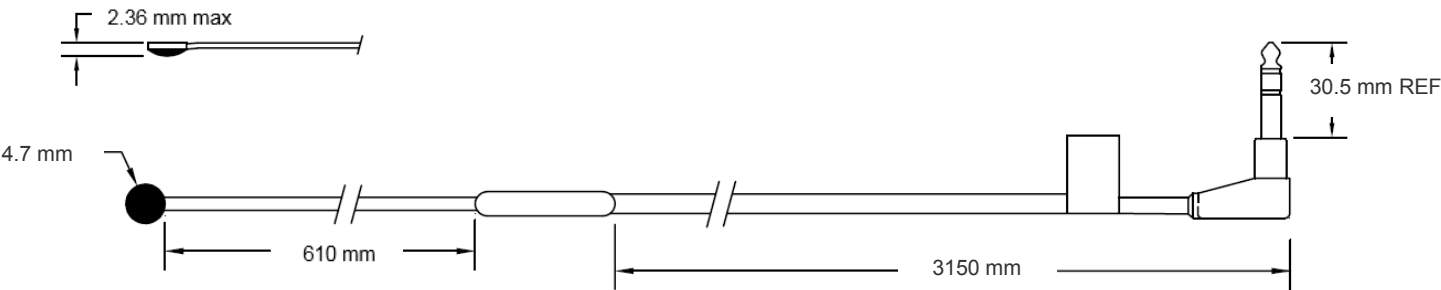
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Skin Probe

## PERFORMANCE SPECS

Parameter	Units	Value
Resistance @ 25°C	Ohms	6,000/30,000
Tolerance 25°C to 45°C when used with 700 series instruments	°C	± 0.15
Recommended equilibration time before measurement	Minutes	> 3
Insulation Resistance (500 VAC for 1 Sec.)	Mega Ohms	> 100

## MECHANICAL DETAILS



## TYPICAL PERFORMANCE CURVES (RESISTANCE OF INDIVIDUAL THERMISTORS)

6K Component	
Temp °C	K- Ohms
25	6.000
26	5.744
27	5.499
28	5.267
29	5.046
30	4.836
31	4.633
32	4.441
33	4.260
34	4.084
35	3.919
36	3.762
37	3.610
38	3.466
39	3.328
40	3.197
41	3.069
42	2.949
43	2.835
44	2.726
45	2.621

30K Component	
Temp °C	K- Ohms
25	30.000
26	28.740
27	27.540
28	26.400
29	25.310
30	24.270
31	23.280
32	22.330
33	21.430
34	20.570
35	19.740
36	18.960
37	18.210
38	17.490
39	16.800
40	16.150
41	15.520
42	14.920
43	14.350
44	13.800
45	13.280

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### ORDERING INFORMATION

Part Number	Description	$\Omega$ @25°C
081312	729 PROBE	\$2000

#### NORTH AMERICA

Measurement Specialties, Inc.,  
a TE Connectivity Company  
1711 139th Lane NW  
Andover, MN 55304  
Tel: +1 763 689 4870  
Fax: +1 763 689 5033  
Email: [customercare.ando@te.com](mailto:customercare.ando@te.com)

#### [te.com/sensorsolutions](http://te.com/sensorsolutions)

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