

A photograph of the Model 427 Reusable Skin / Surface Probe, showing a thin, flexible cable with a small, dark, circular sensor tip at the end.

MODEL 427 REUSABLE SKIN / SURFACE PROBE

SPECIFICATIONS

- FDA registered, pre-amendment status
- 400 series nominal resistance response curve
- 2252.4 Ohm resistance @ 25°C (including lead wire resistance)
- Interchangeable $\pm 0.1^{\circ}\text{C}$, 25°C to 45°C
- Pressed disk ceramic sensor
- High sensitivity
- High temperature capability
- Teflon® ribbon cable at thermistor
- ¼" phone plug connector

400-series general purpose temperature probe

FEATURES

- Extremely fast response
- Standard 400 series resistance curve
- Standard ¼" phone plug connector
- Reuse after cleaning
- Teflon® ribbon cable at thermistor

APPLICATIONS

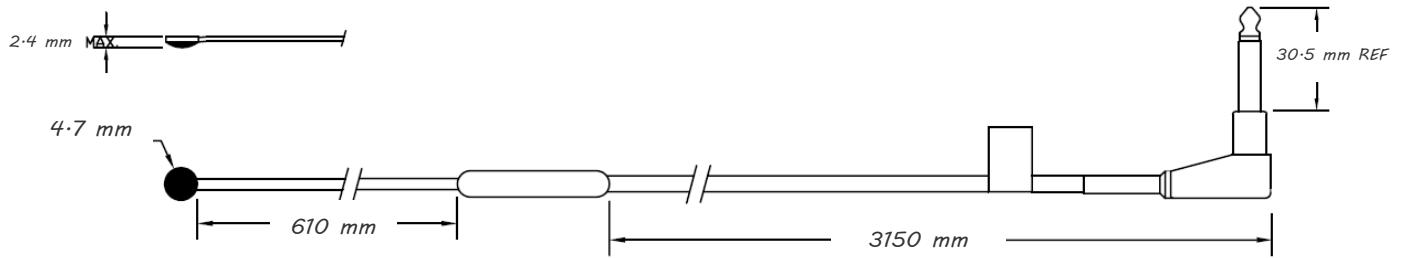
- Continuous patient monitoring
- Surface temperature measurement

MODEL 427 REUSABLE SKIN / SURFACE PROBE

PERFORMANCE SPECS

Parameter	Units	Value
Resistance @ 25°C (including lead resistance)	Ohms	2252.4
Tolerance 25°C to 45°C	°C	± 0.1
Recommended equilibration time before measurement	Minutes	> 3
Insulation Resistance (500 VAC for 1 Sec.)	Mega Ohms	> 100

MECHANICAL DETAILS



RESISTANCE V TEMPERATURE TABLE

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

ORDERING INFORMATION

Part Number	Description	Ω @25°C
081117	427 PROBE	2252.4

NORTH AMERICA

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