

Sanitary RTD Probe–Meat Probe

3A Surface Finish
 Quick Time Response
 Single Element

Custom Designs Available with:
 • Special Cable or Leadwires



The **Sanitary RTD Probe–Meat Probe** is designed with polished 316 stainless steel case that is polished to a specific surface finish to reduce the areas that could shelter bacteria. The probes are designed to withstand cleaning processes typical in a sanitary environment. The meat probe has a sharpened tip and an available sanitary shield.

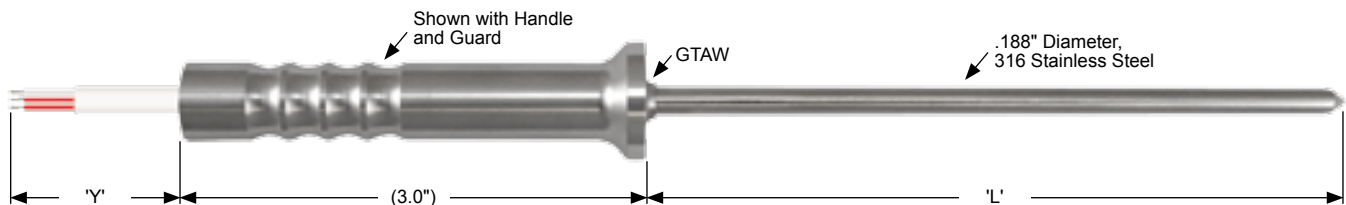
FEATURES

- Sheath Styles:
 - » 316 Stainless Steel
- Elements, Single:
 - » Platinum
- Leadwire/Cable Options

APPLICATIONS

- Process
- Pharmaceutical
- Food/Beverage
- Flow

performance specifications



Sanitary RTD Probe–Meat Probe

dimensions

Repeatability:

Less than $\pm .06\%$ change in ice point resistance after 10 consecutive cycles between ice point and 250°C

Long Term Stability:

Less than $\pm .2\%$ ice point resistance shift after 1,000 hours at 250°C

Self Heating:

10 mW/C in water moving 3 feet/sec

Insulation Resistance:

1,000 megohms @ 500 V, leads to case

Hysteresis:

$\pm .15\%$ of span temperature

Pressure Rating:

Dependant on configuration, consult factory

Surface Finish:

16-32 μ

Sanitary Caps:

See ordering information



ordering info

Sanitary RTD Probe–Meat Probe

Model	Style	Temperature Range	
157M	Sanitary RTD Probe, Meat Probe, Handle and Guard	Moderate: -50 to 250°C (-58 to 482°F)	
158M	Sanitary RTD Probe, Meat Probe, Straight Handle	Moderate: -50 to 250°C (-58 to 482°F)	
Model	Element	Accuracy	Temperature Coefficient
P2A	Platinum	100 Ohm $\pm .06\%$ at 0°C	.00385
P2B	Platinum	100 Ohm $\pm .12\%$ at 0°C	.00385
P2C	Platinum	100 Ohm $\pm .5\%$ at 0°C	.00385
P6B	Platinum	1,000 Ohm $\pm .12\%$ at 0°C	.00385
Model	Leadwires, Element Configuration	Color Code	
3S	Three Wire, Single	Red/Red/White	
4S	Four Wire, Single	Red/Red/White/White	
Model	'L' Sheath Length		
----	Define 'L' Length in Inches (12 = 12.0") Note: Minimum 1.5" / Maximum 18.0"		
Model	'Y' Leadwire/Cable Options		
N	No Options, Stranded TFE Leadwires (36.0" Standard)		
W	Leadwire Options		

联系方式



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