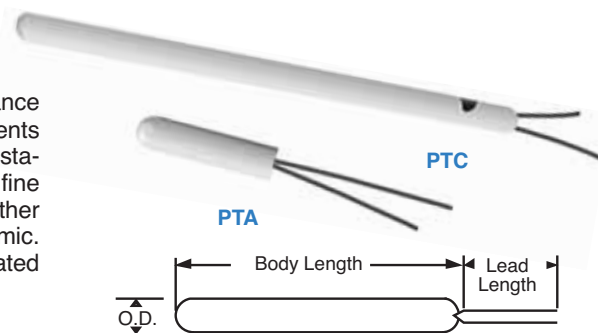


# A30 Platinum Resistance Thermometers

## Platinum Resistance Thermometer Elements

When accurate temperature measurement is required, Platinum Resistance Thermometers (PRT) are unequalled in performance. These PRT elements can be used with precision laboratory and industrial instruments. They are stable over long periods of use. The PRT works on the principle of resistance through a fine platinum wire as a function of temperature. The resistance of the PRT's listed below is either 50 or 100 ohms at 0°C. Two types are available: ceramic and glass coated ceramic. Ceramic PRT's are usable over the temperature range -200°C to 750°C. The glass coated ceramic PRT's are usable over the range -100°C to 550°C.



Part No.	Description	Resistance at 0°C	Temp. Range	O.D. (in)	Body Length	Lead Length	Price ea.
PT-A	PRT, ceramic glass coated	100	-100°C to 550°C	.077"	.30"	1.0"	
PT-B	PRT, ceramic	100	-200°C to 750°C	.059"	1.00"	0.3"	
PT-C	PRT, ceramic	100	-200°C to 750°C	.085"	1.10"	0.3"	
PT-D	PRT, ceramic glass coated	100	-100°C to 550°C	.040"	.045"	1.0"	
PT-E	PRT, ceramic glass coated	100	-100°C to 550°C	.100"	0.40"	1.0"	
PT-F	PRT, ceramic glass coated	50	-100°C to 550°C	.060"	0.70"	4.0"	
PT-G	PRT, ceramic	50	-100°C to 550°C	.108"	0.58"	0.5"	

## Platinum Resistance Thermometer for Thermo Finnigan MAT 4000 Mass Spectrometer

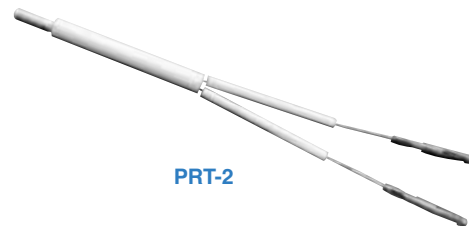
This 100 ohm platinum resistance thermometer for the Thermo Finnigan 4000 replaces Thermo Finnigan #00007-89210



Part No.	Thermo Finnigan No.	Description	Price ea.
PRT-1	00007-89210	PRT for Thermo Finnigan 4000	

## Platinum Resistance Thermometer for Thermo Finnigan 4500 Mass Spectrometer

This unit includes the 100 ohm platinum resistance thermometer, leads, ceramic insulator, and connectors. It is similar in design to the original 4500 platinum resistance thermometer.



Part No.	Thermo Finnigan No.	Description	Price ea.
PRT-2	40005-60230	PRT for Thermo Finnigan 4500	

## Platinum Resistance Thermometer for Thermo Finnigan Mat 5100 Mass Spectrometer

The temperature sensor for the Thermo Finnigan 5100 heated sources is available from S.I.S. We have changed the design slightly to help eliminate the common breakage problem where the leads enter the platinum resistance element. The 100 ohm PRT includes ceramic lead insulator.

Part No.	Thermo Finnigan No.	Description	Price ea.
PRT-3	10007-98020	PRT for Thermo Finnigan 5100 mass spectrometer	



## Platinum Resistance Thermometer for Thermo Finnigan TSQ70® Mass Spectrometer

This is the 100 ohm platinum resistance thermometer with ceramic insulated leads and electrical connectors for the Thermo Finnigan TSQ70®.

Part No.	Thermo Finnigan No.	Description	Price ea.
PRT-4	70001-60087	PRT for Thermo Finnigan TSQ70	

