FEATURES

- Specifically designed for legionella temperature monitoring

- Includes thermometer with integral timers and probes for surface and immersion temperatures

- Waterproof construction

- Includes carry case, temperature log book and PP3 battery

RS PRO T Type Legionnaires Monitoring Kit

RS Stock No.: 255-522

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This comprehensive RS PRO legionella kit contains all the necessary temperature equipment for legionella management. It combines a waterproof thermometer with integral 1 & 2 minute timers, a surface probe, immersion probe, fine wire probe, thermo attachment pads and temperature log book. The equipment can be stored within the carry case for convenience.

General Specifications

Thermometer	
Series	RS PRO
Model Number	2048413
Thermometer Type	Handheld
Compatible Probe Types	K & T
Number of Temperature Inputs	One
Absolute Maximum Temperature Measurement	1372ºC
Temperature Scale	Centigrade/Fahrenheit
Display Type	LCD
Resolution	0.1º to 1000º
Best Accuracy	±0.1% of reading ±0.2ºC
Temperature Coefficient	0.01% of reading /ºC
Temperature Scale	ITS-90
Automatic Shut-Off	10 Min (user configurable)
Operating Temperature	-40ºC to 50ºC
Operating Humidity	0% to 70% RH
Applications	HVAC, Facilities Management

Immersion Probe	
Series	RS PRO
Model Number	3428906
Probe Type	Mineral insulated
Probe Tip Type	Domed end
Sensor Type	T Type Thermocouple
Minimum Temperature Measurement	-200ºC
Maximum Temperature Measurement	400ºC
Response Time	2 Secs (96% of value in water)
Best Accuracy	±0.25ºC (±0.15%)
Accuracy Class	½ Class I
Connector Type	Mini plug
Operating Temperature	-200 to 400ºC
Storage Temperature	-20 to 80ºC
Applications	HVAC, Facilities Management

Surface Probe	
Series	RS PRO
Model Number	3428984
Probe Type	Sprung shield surface
Probe Tip Type	Copper disc
Sensor Type	T Type Thermocouple
Minimum Temperature Measurement	-50ºC
Maximum Temperature Measurement	400ºC
Response Time	3 Sec (96% of value on clean metal)
Best Accuracy	±0.25ºC (±0.15%)
Accuracy Class	½ Class I
Connector Type	Mini plug
Operating Temperature	-50 to 400ºC
Storage Temperature	-20 to 80ºC
Applications	HVAC, Facilities Management

Fine Wire Probe	
Series	RS PRO
Probe Type	Fine wire
Probe Tip Type	Exposed junction
Sensor Type	T Type Thermocouple
Minimum Temperature Measurement	-100ºC
Maximum Temperature Measurement	250ºC
Response Time	0.1 Sec (96% of value in moving gas)
Best Accuracy	±0.25ºC (±0.15%)
Accuracy Class	½ Class I
Connector Type	Mini plug
Operating Temperature	-200 to 400ºC
Storage Temperature	-20 to 80ºC
Applications	HVAC, Facilities Management

Mechanical Specifications

Thermometer	
Housing Material	ABS
Dimensions	130 x 70 x 33mm
Length	130mm
Width	70mm
Height	33mm
Weight	155g

Immersion Probe	
Probe Diameter	3mm
Mounting Style	Handheld
Process Connection	N/A
Cable Length	2m
Cable Insulation Material	Polyurethane

Surface Probe	
Probe Diameter	6mm (shield)
Mounting Style	Handheld
Process Connection	N/A
Cable Length	2m
Cable Insulation Material	Polyurethane

Fine Wire Probe	
Probe Diameter	0.3mm (twin twist)
Mounting Style	Handheld
Process Connection	N/A
Cable Length	1m
Cable Insulation Material	PTFE

Electrical Specifications

Thermometer	
Battery Type	9V PP3
Battery Life	Greater than 200 hours (alkaline)
Plug Type	Mini thermocouple

Protection Category

IP Rating	Waterproof

Additional Information

Thermometer	
EAN	5060379945093
Custom Tariff Number	90251980

Immersion Probe	
EAN	5060379942771
Custom Tariff Number	90259000

Surface Probe	
EAN	5060379943310
Custom Tariff Number	90259000

Fine Wire Probe	
EAN	5060379942443
Custom Tariff Number	90259000

Classification

Thermometer	
eCl@ss	32-12-03-06
UNSPSC	411112213

Probe	
eCl@ss	32-12-03-90
UNSPSC	411112219

Approvals

Declarations	CE
Hazardous Area Certification	No
Standards Met	No

Similar Products

Stock No.	Brand	Product Name	Application	Sensor Type	Thermometer Type
219-5349	RS PRO	Budget Compact Legionella Kit	Legionella	K Type Thermocouple	Single Input Thermocouple
204-8405	RS PRO	Compact Legionella Kit	Legionella	K Type Thermocouple	Single Input Thermocouple

Accessories Included

- Thermometer user manual
- Temperature log book
- Legionella guide
- Thermo attachment pads
- Shock resistant rubber boot (for thermometer)
- 1 x 9V PP3 battery