

# TYPE K PROBES- FOR POCKET DIGITAL THERMOMETERS

Standard probes include 1 meter cable and miniature thermocouple plug.



## Liquid probe S104

Material Inconel-600  
 Dimensions 130 x 3mm  
 Temperature continuous 1000°C/1830°F  
 max. 1100°C/2000°F  
 Response time 12 sec. of 63.2%  
 dev. of measuring range.



## Liquid probe S105

Material Inconel-600  
 Dimensions 130 x 1.5mm  
 Temperature continuous 800°C/1470°F  
 max. 900°C/1650°F  
 Response time 12 sec. of 63.2%  
 dev. of measuring range.



## Needle probe S106

Material S.S. 321  
 Dimensions 130 x 3mm  
 Temperature continuous 500°C/930°F  
 max. 600°C/1100°F  
 Response time 12 sec. of 63.2%  
 dev. of measuring range.



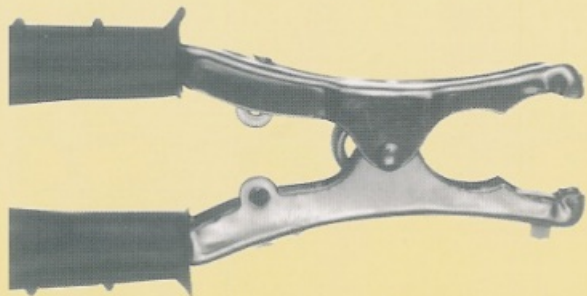
## Needle probe S107

Material S.S. 321  
 Dimensions 130 x 1.5mm  
 Temperature continuous 300°C/570°F  
 max. 500°C/930°F  
 Response time 12 sec. of 63.2%  
 dev. of measuring range.



## Air probe S108

Material Inconel-600  
 Dimensions 130 x 6mm  
 Temperature continuous 500°C/930°F  
 max. 600°C/1100°F  
 Response time 5.0 sec. of 63.2%  
 dev. of measuring range.



## Pipe clamp S109

Up to 35mm  
 Temperature continuous 200°C/390°F  
 max. 200°C/390°F



## Surface probe S110

Tip Spring loaded  
 Material S.S. 304  
 Dimensions 130 x 4mm  
 Temperature continuous 900°C/1650°F  
 max. 900°C/1650°F  
 Response time 2.3 sec. of 63.2%  
 dev. of measuring range.



## Surface probe S111

Tip flexible band with teflon  
 Material S.S. 304  
 Dimensions 130 x 8mm  
 Temperature continuous 200°C/390°F  
 max. 250°C/480°F  
 Response time 3.9 sec. of 63.2%  
 dev. of measuring range.

## TERMINATIONS WITH MINI PLUG

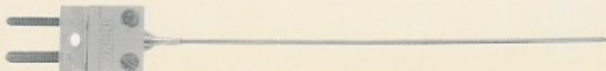
### Surface probe S112

Tip	Spring-loaded
Material	S.S. 304
Dimensions	105 x 8mm
Temperature	continuous 900°C/1650°F max. 900 ± C/1650 ± F
Response time	2.3 sec. of 63.2% dev. of measuring range.



### Liquid probe S113

Material	Inconel-600
Dimensions	105 x 1.5mm
Temperature	continuous 800°C/ 1470°F max. 900°C/1650°F
Response time	12 sec. of 63.2% dev. of measuring range.



### Liquid probe S114

Material	Inconel-600
Dimensions	130 x 3mm
Temperature	continuous 1000°C/1830°F max. 1100°C/2010°F
Response time	12 sec. of 63.2% dev. of measuring range.



### Needle probe S115

Material	S.S. 321
Dimensions	130 x 3mm
Temperature	continuous 500°C/930°F max. 600°C/1100°F
Response time	12 sec. of 63.2% dev. of measuring range.



### AIR PROBE S116

Material	Inconel-600
Dimensions	130 x 3mm
Temperature	continuous 500°C/930°F max. 600°C/1100°F
Response time	5.0 sec. of 63.2% dev. of measuring range.



## RESISTANCE PROBES

Pt.100 (3 wire)  $\alpha=0.00385$

### Surface probe SR101

Material	S.S. 316
Dimensions	130 x 4mm
Temperature	max. 200°C/390°F
Response time	0.6 sec. of 63.2% dev. of measuring range.



### Liquid probe SR104

Material	S.S. 321
Dimensions	130 x 3mm
Temperature	max. 400°C/750°F
Response time	7.0 sec. of 63.2% dev. of measuring range.



### Needle probe SR106

Material	S.S. 321
Dimensions	130 x 3mm
Temperature	max. 400°C/750°F
Response time	7.0 sec. of 63.2% dev. of measuring range.



### Air probe SR108

Material	S.S. 316
Dimensions	130 x 5mm
Temperature	max. 400°C/750°F
Response time	4.0 sec. of 63.2% dev. of measuring range.

