

Please use the enquiry form at the end

**Product Code:
SL100**

Description:

The Steriprobe® SL100 (and Sterimaster® SL104 in the USA) is a range of autoclave load and chamber temperature probes.

It is specified by steriliser manufacturers and end users across the world.

Designed and built with a rugged construction, the Steriprobe® ensures reliable temperature measurement in the demanding conditions found in modern pharmaceutical autoclave chambers.



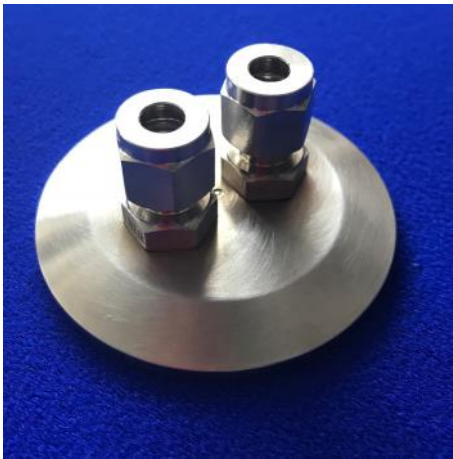
Specification:

SHEATH DIMENSIONS	Diameter : Metric: 3.0mm, 4.0mm, 4.5mm, 5.0mm, 6.0mm, 8.0mm Imperial: 1/8", 3/16", 1/4" Length: 100mm to as required
FLEXIBLE CONDUIT	10.0mm OD Length: 500mm to 10M
CHAMBER ENTRY	6mm OD as standard Length: 75mm to as required.
MATERIAL	316/316L stainless steel
RTD OPTION	
DETECTOR	Single or duplex PT100 with 3 or 4 wire connection, Class A, AA as IEC 60751:2008, also 1/10 DIN
LEADS	FEP insulated copper conductors, 7/0.15mm (26 AWG) or 7/0.12mm(28 AWG) depending on configuration, to ASTM-B-298 with 250V RMS rating as standard and with a heavy duty extruded silicone rubber jacket , FDA listed (21CFR 177 2600) and is available to USP Class VI on application.
OPERATING RANGE	-50 to +150°C.
THERMOCOUPLE OPTION	
ELEMENT	Single or duplex elements, types 'T' (Cu/Con), in Class 1 material and to BS EN 60584-1:2013.
LEADS	PFA insulated conductors, 7/0.2mm (24 AWG) as standard with a heavy duty extruded silicone rubber jacket , FDA listed (21CFR 177 2600) and is available to USP Class VI on application.
OPERATING RANGE	-50 to +150°C.

Datasheet : 003

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Probe Mounting Options

The Steriprobe can be mounted into an autoclave using the chamber entry tube, and a suitable mounting option as below.

All the options below can be supplied along with the probes, or ordered separately.

Hygienic Compression Fitting:

The fitting is designed to fit over the chamber entry tube, and consists of a compression fitting with Teflon® olive, and a choice of tri-clover flanges (0.5-0.75", 1-1.5", 2", 2.5", 3"). All in 316 stainless steel.

A multi probe fitting is also available, which will accept multiple probes through a single fitting. Not all size combinations are possible so please ask for details.

Threaded Fitting:

A wide range of 316 stainless compression fittings are available, to fit over the chamber entry tube.

Thread types: NPT, BSPT, BSPP, Metric
Thread sizes: Imperial and metric sizes
Olive: Stainless steel or Teflon®

Datasheet : 003

Thermal Detection Limited
Unit 6, Orde Wingate Way
Primrose Hill Industrial Estate
Stockton-on-Tees, England,
TS19 0GA

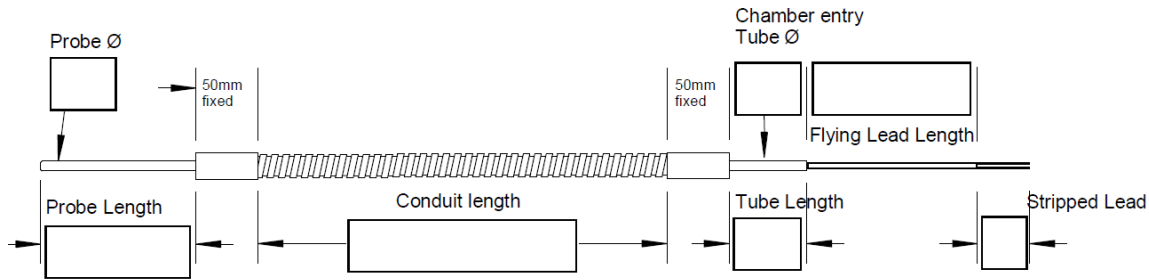


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Please download PDF and fill in the boxes. Return form to sales@thermal-detection.com or fax to +44 1642 618307

Name: _____ Email: _____
 Organisation: _____ Tel: _____
 Country _____

Section 1 - unit dimensions (in mm)



Section 2 - Sensor Configuration

Sensor Number

Single
Duplex
Triplex

Type T Thermocouple Only

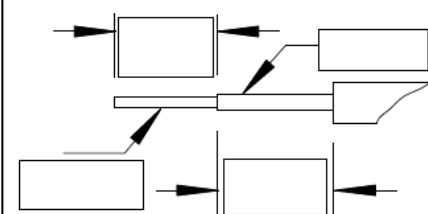
Hot Junction
G Grounded
s Insulated

PT100 Only

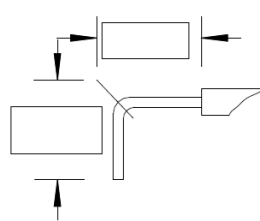
Type	Wires
Class 'A'	2 wire
1/3 DIN	3 wire
1/10 DIN	4 wire

Section 3 - Optional Features

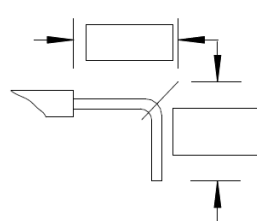
Reduced Probe Tip



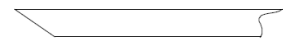
Bend in Probe



Bend in Entry Tube



Chisel Pointed Tip



Section 4 - Mounting Options

Hygienic Compression Fitting



Tri-clover Size



Multi probe option*

* limited options available, indicate requirement in 'additional information' box for evaluation

Threaded Compression Fitting



Thread Type
Thread Size

Section 5 - Application Details

Number of probes required _____ Additional information _____
 Make of autoclave _____
 Industry Type _____