

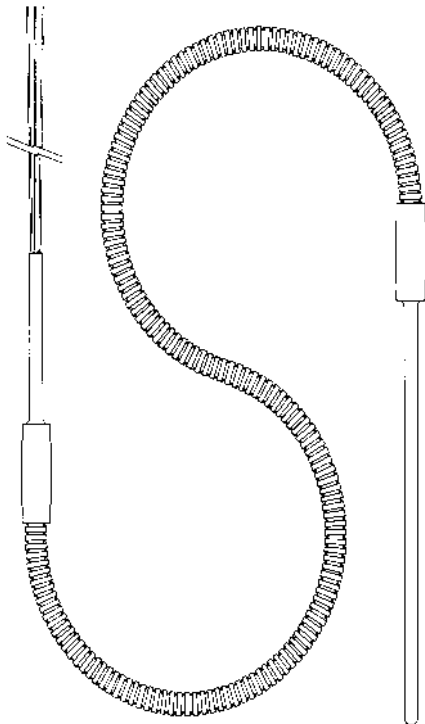
**Product Code:
SL104**

Description:

The environmental conditions found in pharmaceutical autoclave chambers are harsh and extremely testing for any equipment and this is a major cause of sensor failure in autoclave chamber/load probes.

Failure is frequently due to the ingress of moisture at the detector and the unacceptable emission of steam/condensate through the chamber wall feedthrough.

The 'Sterimaster' has been designed to withstand these conditions and offers a reliability factor surpassing that previously obtainable.



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', 1/3 or 1/10 DIN tolerance and to BS EN 60751:2008
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 : 005