

Model SC series

Screw Setting Probes

Model SC series probes are designed to measure stationary surfaces that can be attached to measurement targets with screws.

Specific components may be combined to customize products for the needs of a customer's specific application.

SC模式系列

SC模式系列产品是可以由螺丝钉固定在测试对象物上的静止表面用温度感应器。通过组合各个规格的组件，可以按照客户的用途进行个性选配。

モデルSCシリーズは、測定物にネジで固定できる静止表面用温度センサーです。各パーツの仕様を組み合わせる事により、お客様の用途に合わせてカスタマイズする事が出来ます。

Typical probes of SC series

Type K Model	SC-31K-TS1-ANP
Type E Model	SC-31E-TS1-ANP

Temp. range	Tolerance	Response time	Durability
-50~150°C	±3.0°C (at 100°C)	5.0 s	S

Type K Model	SC-32K-SG1-ANP
Type E Model	SC-32E-SG1-ANP

Temp. range	Tolerance	Response time	Durability
-50~400°C	±3.0°C (at 100°C)	5.0 s	S

How to order of SC series

SC-31K-TS1-ANP



① Screw size	2 : For φ2mm 3 : For φ3mm 4 : For φ4mm 5 : For φ5mm
② Max. temp.	1 : 200°C (SC-21) 150°C (SC-31, SC-41, SC-51) 2 : 300°C (SC-22) 400°C (SC-32, SC-42, SC-52)
③ Thermocouple type	K : Chromel-Alumel E : Chromel-Constantan
④ Cable type (See page 5)	TA * : For SC-21 TS : For SC-31, SC-41, SC-51 GW : For SC-22 SG : For SC-32, SC-42, SC-52
⑤ Cable length	1 : 1m 1.5 : 1.5m 2 : 2m 2.5 : 2.5m
⑥ Plug (See page 4)	ANP ASP W

① Screw size	(mm)
2	
3	
4	
5	

Specifications

Tolerance	±3.0°C (at 100°C)
Response time	5.0 s
Durability rank	S
Max. temp.	SC-21 : 200°C SC-22 : 300°C SC-31, SC-41, SC-51 : 150°C SC-32, SC-42, SC-52 : 400°C

*Teflon insulated thermocouple (φ0.9mm)