

Model SH series

Small Head Probes

Model SH series probes are ideal for measuring the temperatures of moving or rotating surfaces. The SH series is better suited to small measurement targets than the U series. Specific components may be combined to customize products for the needs of a customer's specific application.



Typical Probes of SH series

Type K Model SH-14K-TS1-ANP
Type E Model SH-14E-TS1-ANP

Temp. Range	Accuracy	Response time	Durability
-50~250°C	±1.5°C (at 100°C Surface)	5.0 s	B

Type K Model SH-46K-TC1-ANP
Type E Model SH-46E-TC1-ANP

Temp. Range	Accuracy	Response time	Durability
-50~250°C	±1.5°C (at 100°C Surface)	5.0 s	A

How to order of SH series

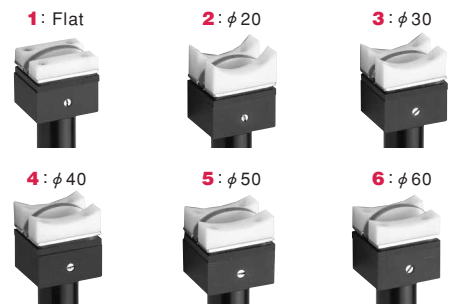
① Style and Heavy duty

You can choose Style and Heavy duty as below.

Setting Type	Standard	1:	2:
Heavy duty		12mm	10mm
Grip Type	Standard	3:	4:
Heavy duty		18mm	20mm

② Guard Form

You can choose Guard Form φ as below.



SH-46K-TC1-ANP



① Style and Heavy duty	1 : Setting type 2 : Setting type (Heavy duty) 3 : Grip type 4 : Grip type (Heavy duty)
② Guard Form	1 : Flat (only SH-1*, SH-3*) 2 : φ20mm 3 : φ30mm 4 : φ40mm 5 : φ50mm 6 : φ60mm
③ Thermocouple Type	K : Chromel-Alumel E : Chromel-Constantan
④ Cable Type (See page 5)	TS : For SH-1*, SH-2* (Setting type) TC : For SH-3*, SH-4* (Grip type)
⑤ Cable Length	1 : 1m 1.5 : 1.5m 2 : 2m 2.5 : 2.5m
⑥ Plug (See page 4)	ANP : P plug ASP : S plug W : Without plug

Specifications

Accuracy	±1.5°C (at 100°C surface)
Response time	5.0 s
Durability rank	SH-1*, SH-3* : B SH-2*, SH-4* : A
Max. Temp.	250°C