

Micro sensor probes (Thin head type)

Type K Model **310K-TC1-ANP**
Type E Model **310E-TC1-ANP**



Temp. range	Tolerance	Response time	Durability
-50~250°C	±2.5°C (at 100°C surface)	0.5 s	B

Type K Model **343K-TC1-ANP**
Type E Model **343E-TC1-ANP**

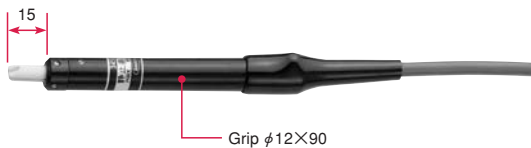


30° -Pipe angle type

Temp. range	Tolerance	Response time	Durability
-50~250°C	±2.5°C (at 100°C surface)	0.5 s	B

Micro sensor probes (for large heat-capacity)

Type K Model **345K-TC1-ANP**
Type E Model **345E-TC1-ANP**



Temp. range	Tolerance	Response time	Durability
-50~600°C	±2.5°C (at 100°C surface)	2.5 s	B

Type K Model **346K-TC1-ANP**
Type E Model **346E-TC1-ANP**



Temp. range	Tolerance	Response time	Durability
-50~600°C	±2.5°C (at 100°C surface)	2.5 s	B

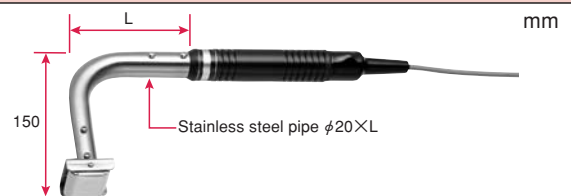
High temperature probes

Model **619K-010-TC1-ANP**
L



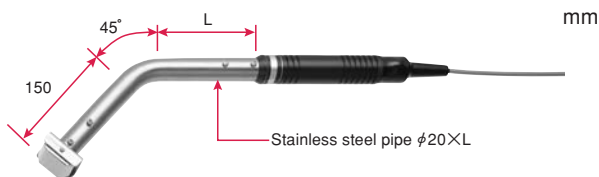
Temp. range	Tolerance	Response time	Durability
-50~1200°C	±2.5°C (at 100°C surface)	15 s	B

Model **620K-010-TC1-ANP**
L



Temp. range	Tolerance	Response time	Durability
-50~1200°C	±2.5°C (at 100°C surface)	15 s	B

Model **621K-010-TC1-ANP**
L



Temp. range	Tolerance	Response time	Durability
-50~1200°C	±2.5°C (at 100°C surface)	15 s	B

Specify the pipe length "L".

L	Pipe length
010	100mm
020	200mm
030	300mm
050	500mm
100	1000mm

※ These probes are suitable for high temperature measurement of stationary metallic surface.

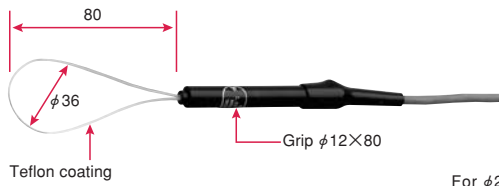
Pipe outside probes

Model 123K- ϕ 50-TC1-ANP
Model 123E- ϕ 50-TC1-ANP



Temp. range	Tolerance	Response time	Durability
-50~250°C	±2.5°C (at 100°C surface)	2.0 s	B

Model 528K-TC1-ANP
Model 528E-TC1-ANP



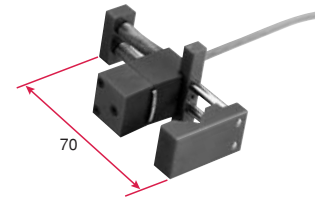
Temp. range	Tolerance	Response time	Durability
-50~210°C	±2.5°C (at 100°C surface)	3.0 s	B

These probes are ideal for measuring the temperatures of surfaces having a small-radius bend, such as pipes.

Choose the most appropriate guard, based on the diameter of the measurement target.

Guard form	Producible range	Tolerance when specified
	φ9~15mm	±1mm
	φ16~39mm	±2mm
	φ40~100mm	±5mm

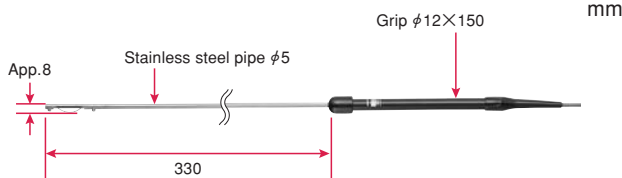
Model 1811K-TS1-ANP
Model 1811E-TS1-ANP



Temp. range	Tolerance	Response time	Durability
-50~100°C	±2.5°C (at 100°C surface)	2.0 s	S

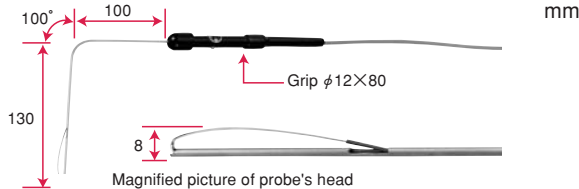
Pipe inside probes

Model 344K-TC1-ANP
Model 344E-TC1-ANP



Temp. range	Tolerance	Response time	Durability
-50~400°C	±2.5°C (at 100°C surface)	5.0 s	C

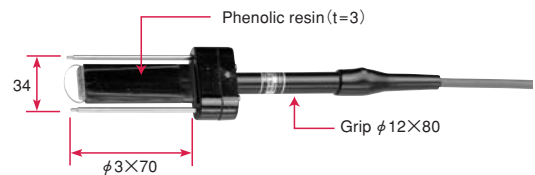
Model 305K-TC1-ANP
Model 305E-TC1-ANP



Temp. range	Tolerance	Response time	Durability
-50~220°C	±2.5°C (at 100°C surface)	2.0 s	C

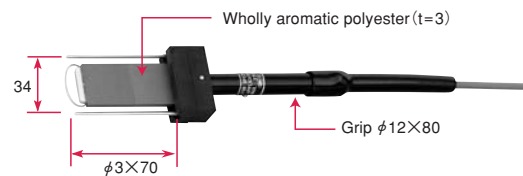
Slit type probes

Type K Model 304K-TC1-ANP
Type E Model 304E-TC1-ANP



Temp. range	Tolerance	Response time	Durability
-50~220°C	±2.5°C (at 100°C surface)	1.5 s	B

Type K Model 362K-TC1-ANP
Type E Model 362E-TC1-ANP

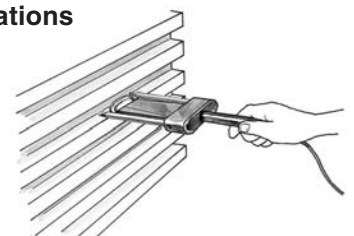


Temp. range	Tolerance	Response time	Durability
-50~350°C	±2.5°C (at 100°C surface)	1.5 s	B

Pipe inside probes applications

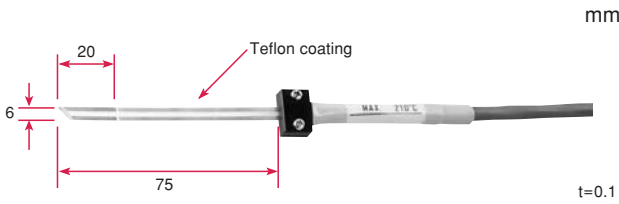


Slit type probes applications



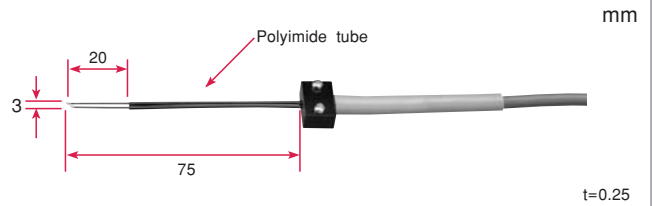
Flat leaf probes

Type K Model 503K-TC1-ANP
Type E Model 503E-TC1-ANP



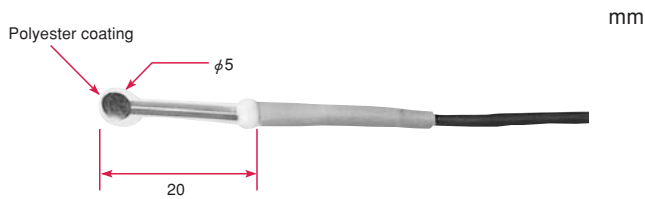
Temp. range	Tolerance	Response time	Durability
-50~210°C	±2.5°C (at 100°C)	3.0 s	S

Type K Model 505K-TS1-ANP
Type E Model 505E-TS1-ANP



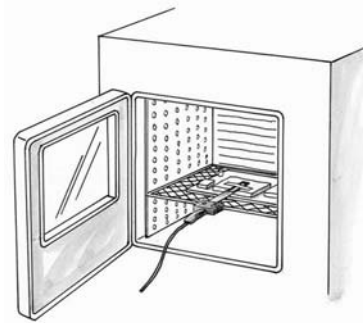
Temp. range	Tolerance	Response time	Durability
-50~400°C	±2.5°C (at 100°C)	6.0 s	S

Type K Model 540K-TS1-ANP
Type E Model 540E-TS1-ANP



Temp. range	Tolerance	Response time	Durability
-50~100°C	±2.5°C (at 100°C)	8.0 s	S

Flat leaf probes applications



Insertion probes

Type K Model 502K-TC1-ANP
Type E Model 502E-TC1-ANP



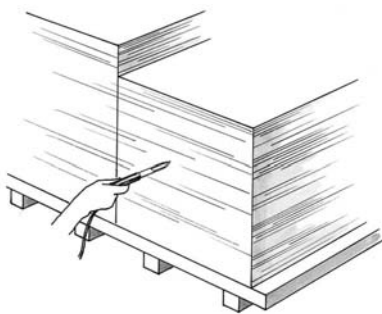
Temp. range	Tolerance	Response time	Durability
-50~210°C	±2.5°C (at 100°C)	3.0 s	S

Type K Model 504K-TC1-ANP
Type E Model 504E-TC1-ANP



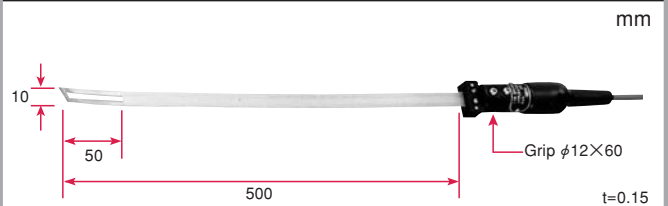
Temp. range	Tolerance	Response time	Durability
-50~500°C	±2.5°C (at 100°C)	6.0 s	S

Insertion probes applications



Sheet probes

Type K Model 501K-TC1-ANP
Type E Model 501E-TC1-ANP



Temp. range	Tolerance	Response time	Durability
-50~250°C	±2.5°C (at 100°C)	4.0 s	S

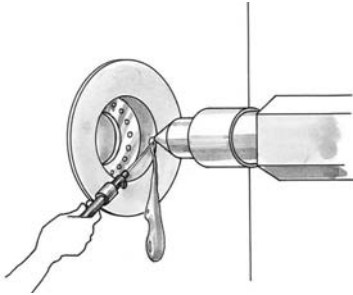
Depth adjustable probes

Model 520K-TC1-ANP
Model 520E-TC1-ANP



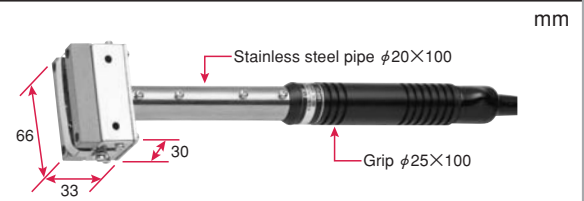
Temp. range	Tolerance	Response time	Durability
-200~300°C	±2.5°C (at 100°C)	1.5 s	B

Depth adjustable probes applications



Heavy duty moving surface probes

Type K Model 213K-TC1-ANP
Type E Model 213E-TC1-ANP



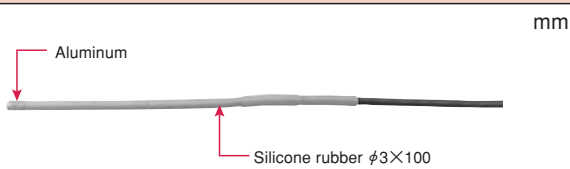
Temp. range	Tolerance	Response time	Durability
-50~600°C	±2.5°C (at 100°C)	5.0 s	B

The following model designations are used, based on the length of the stainless pipe:

Stainless pipe length	Model
100mm	213K-TC1-ANP
200mm	214K-TC1-ANP
300mm	215K-TC1-ANP
500mm	216K-TC1-ANP
1000mm	217K-TC1-ANP

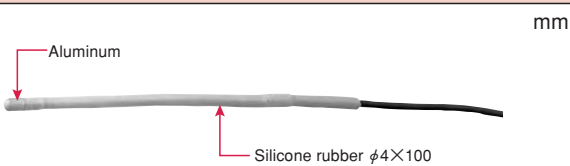
Soft body probes

Type K Model 1600K-TS1-ANP
Type E Model 1600E-TS1-ANP



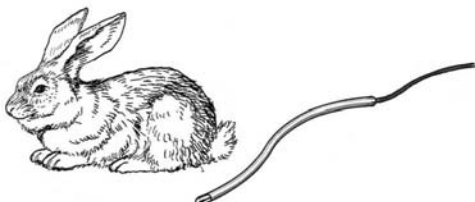
Temp. range	Tolerance	Response time	Durability
0~200°C	±2.5°C (at 100°C)	4.0 s	S

Type K Model 1601K-TS1-ANP
Type E Model 1601E-TS1-ANP



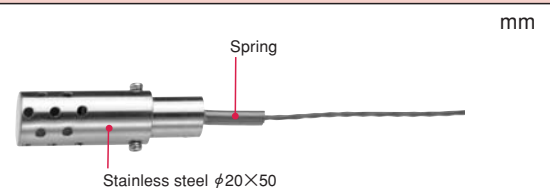
Temp. range	Tolerance	Response time	Durability
0~200°C	±2.5°C (at 100°C)	4.0 s	S

Soft body probes applications



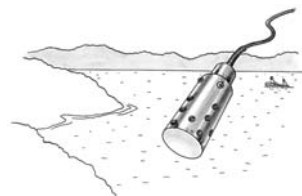
Drop probes

Type K Model 530K-TF5-ANP
Type E Model 530E-TF5-ANP



Temp. range	Tolerance	Response time	Durability
-50~150°C	±2.5°C (at 100°C)	3.0 s	S

Drop probes applications



Strong lead cable enable this probe to throw into sea, bath and tank. 5 meters lead cable is provided for standard order.