

## Main Specifications

## ▼ Installation type

SGS type:

Straight with thermowell

SGL type:

90° angle with thermowell

## ▼ Temperature range

-10~600°C

Customized temperature range  
scale on dial face

## ▼ Process connection

M22x1.5 swivel nut with

3/8" , 1/2" , 3/4" PF male

Other thread types available  
upon request

## ▼ Connection material

SGS-B / SGL-B type ▼

Copper alloy

SGS-C / SGL-C type ▼

Anodized chrome-plated steel  
/ stainless steel (option)

▼ Stem+thermowell length  
(with thread)

30 / 70 / 80 / 110mm

Other lengths available upon  
request

## ▼ Applicable fluid

Liquid and gas that compatible  
with connection's material

## Other Specifications

## ▼ Case material

Aluminum

## ▼ Body dimension

Rectangular aluminum case

110mm x 35mmΦ /

145mm x 35mmΦ

## ▼ Window

Glass

## ▼ Dial face

Single/dual scale (°C/°F) on

Aluminum whiteboard

## ▼ Liquid-filling

Red or blue organic liquid

## ▼ Measuring elements

Liquid-expansion

Temp. sensing area:

last 2" of stem

## ▼ Accuracy

±0.5 / 1 / 2 / 5 / 6°C

(Depends on temp. range)

## Metal Tube Industrial Glass Thermometer

### Model: SG series

### Introduction

SG series glass thermometer encased with specially designed rectangular aluminum case to prevent any damage from greasy, vapor or other substances. The special design makes SG series suitable for using in merchant ship, fishing boat, high temperature exhaust environment and others industrial application.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

### Features

- Rectangular aluminum case, specially design for vessels use
- Two types installation available:  
Straight / 90° angle mount
- 3 thermowell materials available:  
brass / chrome-plated steel / stainless steel
- Temperature scale and high accuracy type available upon request

## How to order

SG-Series		Metal Tube Industrial Glass Thermometer				
Code		Type				
SGS-B		Straight mount with copper thermowell				
SGL-B		90° angle mount with copper thermowell				
SGS-C		Straight mount with anodized chrome-plated steel thermowell				
SGL-C		90° angle mount anodized chrome-plated steel thermowell				
Code		Body Dimension				
S		110 x 35mm Φ				
M		145 x 35mm Φ				
Code		Stem+thermowell length				
30mm		30 mm				
70mm		70 mm				
80mm		80 mm				
110mm		110 mm				
O		Others (please specify)				
Code		Process connection				
3F		M22x1.5 swivel nut with 3/8" PF				
4F		M22x1.5 swivel nut with 1/2" PF				
6F		M22x1.5 swivel nut with 3/4" PF				
O		Others (please specify)				
Code		Temperature range				
1		0~100°C				
2		0~200°C				
3		0~600°C				
O		Others (please specify)				
Code		Other requests				
/A		Third party notarized documents				
/B		Inspection report (issued by Re-Atlantis)				
/C		Tag				
/D		Customized dial face (brand, color, single/dual scale, etc.)				
/E		Blue organic filling liquid (Only available for quantity order)				
/F		Thermowell material: Stainless steel				
SG-Series	SGS-B	S	110mm	4F	2	Order example: SGS-B-S-110mm-4F-2