

SUPER A  
SCIENTIFIC

THERMOMETER

[www.super-a-scientific.com](http://www.super-a-scientific.com)

[sales@super-a-scientific.com](mailto:sales@super-a-scientific.com)

## Table of Contents

Alcohol Thermometer .....	3
Bi-Metal Thermometer .....	3
Digital Thermometer .....	4
Hydrometer .....	5
Plastic Thermometer .....	5
Weather Thermometer .....	6
Wooden Thermometer .....	8

# Thermometer

## Thermometer

### Alcohol Thermometer



Student Grade, Packed in Clear Plastic Tube, with no-roll sleeve

Item No.	Temperature Range	Subdivision	Immersion
----------	-------------------	-------------	-----------

#### Red Alcohol, White Back, Length 300mm

6200	-10°C — 110°C	1°C	total
6201	-10°C — 110°C	1°C	76mm
6202	-20°C — 110°C	1°C	total
6203	-20°C — 110°C	1°C	76mm
6205	-20°C — 150°C	1°C	76mm
6208	-20°C — 150°C	1°C	total

#### Red Alcohol, Yellow Back, Length 300mm

300	-10°C — 110°C	1°C	total
6301	-10°C — 110°C	1°C	76mm
6302	-20°C — 110°C	1°C	total
6303	-20°C — 110°C	1°C	76mm
6304	0°C — 150°C	1°C	total
6305	0°C — 50°C	1°C	76mm
6306	-20°C — 110°C	1°C	total

#### Red Alcohol, White Back, Double Scale, Length 300mm

6206	- 10°C — 110°C / 0°F — 220°F	1°C/2°F	76mm
6209	- 10°C — 110°C / 0°F — 220°F	1°C/2°F	total
6207	- 10°C — 110°C / 0°F — 230°F	1°C/2°F	76mm
6210	- 10°C — 110°C / 0°F — 230 °F	1°C/2°F	total
6211	- 20°C — 110°C / 0°F — 230°F	1°C/2°F	76mm
6212	- 20°C — 110°C / 0°F — 230°F	1°C/2°F	total

#### Red Alcohol, Yellow Back, Double Scale, Length 300mm

6213	- 20°C — 110°C / 0°F — 230°F	1°C/2°F	76mm
6214	- 20°C — 110°C / 0°F — 230°F	1°C/2°F	total
6215	0°F — 230°F	1°C/2°F	total
6216	0°F — 230°F	1°C/2°F	76mm

## Bi-Metal Thermometer



### Bi-metal thermometer / humid meter

#### TM702

Temperature range: -40°C to 40°C

Humidity range: 10% to 90% relative humidity

Product size: dia.200 x 30mm

Material: ABS

# Thermometer



## Bi-metal thermometer / humid meter

### TM703

Temperature range: -40°C to 60°C

-40°F to 140°F

Product size: dia.175 x 25mm

Material: ABS



## Bi-metal thermometer / humid meter

### TM705

Temperature range: -30°C to 50°C

Humidity range: 20% to 100% relative humidity

Products size: dia.130x25mm

Material: ABS



## Bi-metal thermometer / humid meter

### TM706

Temperature range: 0°C to 40°C

Humidity range: 20% to 100% relative humidity

Products size: dia.130x25mm

Material: ABS

## Digital Thermometer



## Digital Thermometer / Humid meter

### SH107

Temperature: indoor -10°C to 50°C (14°F to 120°F)

outdoor -50°C to 70°C (-58°F to 158°F)

Humidity range: 10% to 90% relative humidity

Alarm set, time/date set, 1-4°C freeze alert

Max / min. temperature / humidity memory

Celsius / Fahrenheit switch

Precision: T +/- 1°C (+/- 2°F) H +/- 5% RH

Outdoor sensor wire length: 2 meters

Battery: 1.5V (AAA 1pc)



## Digital Thermometer / Humid meter

### SH114

Temperature: indoor -20°C to 70°C

outdoor -50°C to 70°C

Max / min. temperature record

Celsius / Fahrenheit switch

Indoor/outdoor temperature display switch

Precision: T +/- 1°C (+/- 2°F) H +/- 5% RH

Outdoor sensor wire length: 2 meters

Battery: 1.5V (AA 1pc)

## Digital Thermometer / Humid meter

### SH122

Max. / min. temperature / humidity records  
 Indoor/outdoor temperature measure  
 Temperature: indoor -10 °C to 60°C (14°F to 140°F)  
 outdoor -50°C to 70°C (-58°F to 158°F)  
 Humidity range: 20% to 99% relative humidity  
 Celsius / Fahrenheit switch  
 Precision: T +/- 1C (+/- 2F) H +/- 5% RH  
 Temperature / humidity alarm  
 Year / Month / Day / Week display  
 Clock with chime and alarm / alarm with snooze  
 Weather forecast clock with moon face  
 Operating battery: 1.5V (AA 1pc)



## Digital Thermometer / Humid meter

### SH125

Indoor: temperature -10°C to 60°C  
 (14°F to 140°F)  
 humidity 20% to 80% relative humidity  
 Precision: T +/- 1°C (+/- 2°F) H +/- 5% RH  
 Max. / min. temperature / humidity records  
 Date/time and time alarm set  
 Weather prediction  
 Celsius / Fahrenheit switch  
 Precision: T +/- 1C (+/- 2F); H +/- 5% RH



## Hydrometer



### Hydrometer

Item #	Description	Length	Division
804-1	heavy liquids 1.000 - 2.000	300mm	0.01
804-2	light liquids 0.700 - 1.000	300mm	0.01
804-3	universal liquid 0.700-2.000	380mm	0.01

## Plastic Thermometer



### Dry Type Thermometers

#### MS213

### Outdoor / Indoor Thermometer

#### TP016

Temperature range: -40°C to 50°C (-40°F to 120°F)  
 Window mount type  
 Made from PS





## Outdoor/Indoor Thermometer

### TP020

Temperature range: -40°C to 50°C (-40°F to 120°F)

Window mount type

Made from ABS



## Outdoor/Indoor Thermometer

### TP022

Temperature range: -40°C to 50°C (-40°F to 120°F)

Window mount type

Made from PS



## Outdoor/Indoor Thermometer

### TP023

Temperature range: -30°C to 50°C (-20°F to 120°F)

Window mount type

Made from PS



## Outdoor/Indoor Thermometer

### TP0712

Temperature range: -30°C to 50°C (-20°F to 120°F)

Window mount type

Made from ABS



## Weather Station

### ZLS181

Six-function weather meter tells daily and total rainfall, wind speed and direction, wind-chill, and temperature. Mounts on window.



## Thru-check Rain Gauge

### ZLS1153

Measures from 0.01" of rain fall up to 5".

Transparent, all plastic unit have wedge-shaped wall on which an easily read scale is imprinted.

The gauge has inch markings on the front.

## Weather Thermometer

## Sling Psychrometer Kit

### 3106

This kit includes a sling psychrometer with wet bulb, wick, and rubber band; and dry bulb thermometers that rotate on a



plastic handle.  
No mercury filling.

## Glass Barometer

### ES-007

Indicates changes in air pressure quickly and accurately. The ball is filled with colored distilled water. Once filled the air trapped inside the ball

is no longer subject to variations in atmospheric pressure. The liquid in the indicator tube, however, remains open to the atmosphere and

is directly affected by atmospheric pressure. When atmospheric pressure rises, the liquid in

the indicator tube is pushed down and an improvement in the

weather can be anticipated. When air pressure falls, the

greater pressure inside the ball causes the liquid in the indicator tube to rise, indicating that a deterioration in

weather can be expected. 7-1/2" H x 4" dia.



## Galileo Thermometer

### ES-009

This fascinating and functional instrument was designed in the 16th century by Galileo Galilei, who discovered that as a liquid's temperature increases, its buoyancy decreases. Each glass sphere is precision crafted, filled, and calibrated within 1/10°F. Accurate within  $\pm 4^\circ\text{F}$ .

## Indoor/Outdoor Giant Round Thermometer

### ES-010

Large-display thermometer with 12" diameter is great for classrooms. The large numbers let you read temperatures from a distance.

Range:  $-40^\circ$

to  $140^\circ$  Fahrenheit outside and  $-40^\circ$  to  $60^\circ$  Celsius inside. Includes keyhole slot for simple wall mounting.



## Thermometer Demo

### ES-013

Galileo Galilei discovered a fascinating method. He put 4-5 glass balls in cylinder filled with a special liquid to indicate the accurate temperature. In liquid, solid substances with the same weight and size sink when temperature rises, and they ascend when temperature falls. The glass balls differ in weight and the density of the liquid means the lowest of the floating ball in the upper part of the cylinder shows the accurate temperature.

The production of the thermometer is complicated and can only be made by hand. Each ball is attuned to exactly 1 degree. Two glass balls differ in weight by only 6/100g. Its accuracy and exclusiveness will no doubt give you a distinct thermometer.



## Dry type thermometers

### MS213



## Weather Station

### ZLS181

Six-function weather meter tells daily and total rainfall, wind speed and direction, wind chill, and temperature. Mounts on window.

## Wooden Thermometer



## Outdoor/Indoor thermometer

### TW601

Temperature range: -40°C to 50°C (-40°F to 120°F)

Window mount type

Made from birch



## Outdoor/Indoor thermometer

### TW702

Temperature range: -40°C to 50°C (-40°F to 120°F)

Window mount type

Made from birch



## Outdoor/Indoor thermometer

### TW703

Temperature range: -40°C to 50°C (-40°F to 120°F)

Window mount type

Made from birch



# Thermometer

---



## Outdoor/Indoor thermometer

### TW710

Temperature range: -30°C to 50°C (-20°F to 120°F)

Window mount type

Made from birch



## Outdoor/Indoor thermometer

### TW713

Temperature range: -50°C to 50°C (-60°F to 120°F)

Window mount type

Made from birch



## Outdoor/Indoor thermometer

### TW719

Temperature range: -40°C to 50°C (-40°F to 120°F)

Window mount type

Made from pine