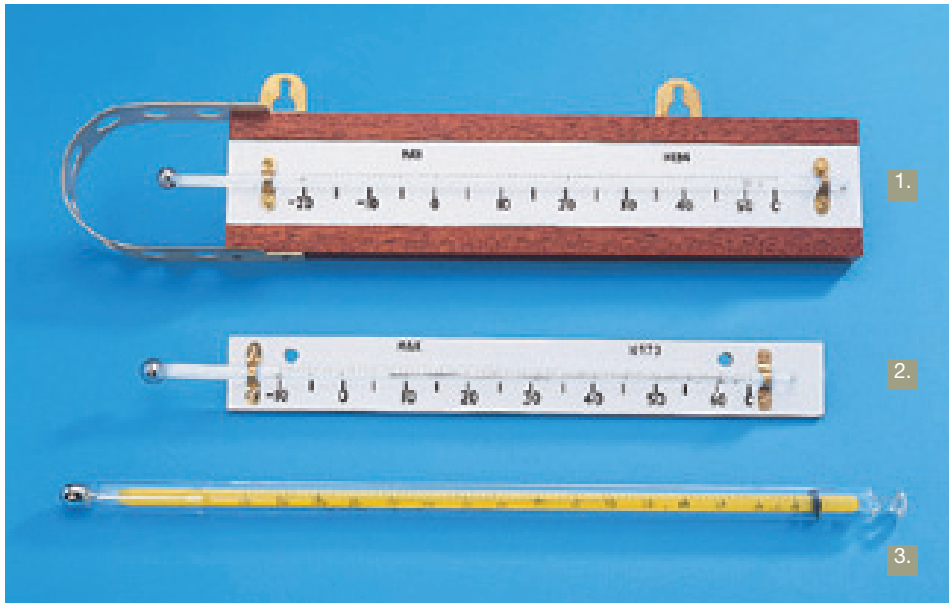


## Air Thermometers



**KEY**

- 1 Mahogany Mount
- 2 Plastic Mount
- 3 Sheathed Pattern

**AIR THERMOMETERS**

There are three types of ambient air thermometer, Maximum, Minimum and Ordinary.

**MAXIMUM**

A Maximum thermometer indicates the highest temperature reached since the last time the instrument was reset.

**MINIMUM**

A Minimum thermometer indicates the lowest temperature reached since the last time the instrument was reset.

The Maximum and Minimum thermometers are available in three different types:

- **Sheathed Pattern**  
Made to BS 692 : 1990, each thermometer stem is marked with divisions and figures. It is then fused to an outer glass sheath, which seals it to prevent condensation occurring.
- **Mahogany Mount**  
This stem divided thermometer is backed by a laminated plastic scale marked with indelible figures. The thermometer and scale are mounted on a polished mahogany frame with brass bulb guard and hanging plates.
- **Plastic Mount**  
Made from a stem-divided thermometer mounted on a weather resistant plastic scale with indelible figures and two fixing holes.

**ORDINARY**

An Ordinary thermometer indicates current ambient air temperature and is available in two types:

- **Sheathed Pattern**  
Made to BS 692 : 1990, each thermometer stem is marked with divisions and figures. It is then fused to an outer glass sheath, which seals it to prevent condensation occurring.
- **Solid Stem Pattern**  
This is made from a stem-divided thermometer mounted on a weather resistant plastic scale with indelible figures and two fixing holes.

**Applicable Standards**

BS 692 Meteorological thermometers

**AIR THERMOMETERS**

**Maximum Thermometers**

	Mahogany Mount	Plastic Mount	Sheathed Pattern
Range - 20 to +50°C	C7209/19	B7592/8	M106203
Range - 10 to +65°C with calibration certificate	M105312	M105314	M105310

**Minimum Thermometers**

	Mahogany Mount	Plastic Mount	Sheathed Pattern
Range - 25 to +50°C	C7711/15	B7602/12	M106204
Range - 25 to +50°C with calibration certificate	M105306	M105308	M105304



Insulated Pattern

#### Insulated Pattern Soil Thermometer

This pattern is used by Meteorological Services throughout the world. Each thermometer is mounted on a black enamelled, mild steel support stand and is angled at 30° to enable it to be read in situ.

#### Budget Earth Soil Thermometer

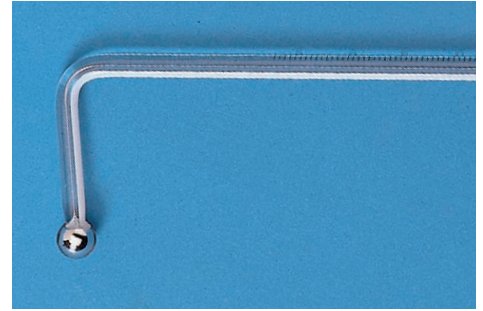
Intended mainly for schools and colleges this low cost device consists of a red spirit thermometer contained in a stout brass case with a pointed end for inserting directly into the ground.



Sheathed Pattern

#### Sheathed Pattern Soil Thermometer

This is used for depths up to 3 metres and consists of a solid stem thermometer fitted into a transparent glass sheath. Each depth is established by inserting a steel tube into the ground, and lowering the thermometer by the chain down into the tube. The thermometer bulb is embedded in paraffin wax to give a slow response time enabling it to be withdrawn to take readings.



Angle Pattern

#### Angle Pattern Soil Thermometer

The angle pattern is the simplest type of earth thermometer. Each thermometer lies flat along the ground with the bulb at right angles to the scale. The bulb is inserted directly to the ground and allows for 'in situ' readings to be taken.

#### Insulated Pattern

50mm depth (stand to be ordered separately)	M106108
100mm depth (stand to be ordered separately)	M106109
200mm depth (stand to be ordered separately)	M106110
300mm depth (stand to be ordered separately)	M106111
Mild Steel Stand	M106114

Please note these products are subject to a minimum order quantity of 10 items.

#### Budget Soil Thermometers

Budget Soil Thermometer soil ind. in brass case	M108008
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#### Sheathed Pattern Thermometer

Thermometer (tube to be ordered separately)	M106105
Thermometer with calibration Certificate	M105325
300mm tube	B6974/1
600mm tube	B6974/2
1.2m tube	B6974/4
3m tube	B6974/10

#### Angle Pattern Thermometer

50mm depth	M106101
100mm depth	M106102
200mm depth	M106103
300mm depth	M106104
50mm depth with calibration certificate	M105321
100mm depth with calibration certificate	M105322
200mm depth with calibration certificate	M105323
300mm depth with calibration certificate	M105324