# SECTION 07 - METEROLOGY

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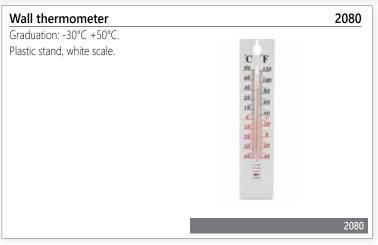
Instruments and weather stations

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2038











Didactic anemometer 2120

It is easy to be used; it points out both direction and intensity of the wind.



2120

Weather station 2082

Metal structure. It is endowed with two small shelters for outdoor usage: they allow the station to be positioned both horizontally and vertically. With:

- 1 Thermometer -20°+60°C.
- 1 Barometer 920 1050 mbar.
- 1 Hygrometer 0 100%.

Dimensions: 340 x 150 mm.



2082

### Weather shelter station

Forex structure, suitable for outdoor usage. Dimensions: 33x48x58 cm.

Metal parts made of stainless material.

With:

- 1 Rain gauge
- 1 Max/min thermometer
- 1 Barometer
- 1 Hygrometer
- 1 Wind's direction indicator with wind rose





# Stand for meteorological shelter station

2061

2084

Made of fire-glazed metal. Dimensions: 35 x 50 x 100 cm.

8256

#### Weather station with touchscreen and PC interface

This weather station is supplied complete with support and base.

It allows remote monitoring of the most important meteorological parameters, using sensors.

Each sensor transmits data in real time to a control unit, with the possibility to download data on a PC and reprocess them using spreadsheets.

The control unit is equipped with a touch screen, for viewing data in real time.

The software is supplied.

# Outdoor unit

transmission range	± 150 m (under ideal circumstances)
frequency	868 MHz
temperature range	-40 °C to 65 °C
resolution	0.1 °C
humidity range	10-99 % RH
rain volume display	0-9999 mm
resolution	0.1 mm (volume < 1000 mm), 1 mm (volume > 1000 mm)
wind speed	0-160 km/h
measuring interval	48 s
IP rating	IPX3
power supply	2 x 1.5 V AA batteries (LR6C, not incl.)
dimensions	Ø 20 x 570 mm

#### Indoor unit

pressure/temperature - reading interval	48 s
temperature measuring range	0-60 °C
resolution	0.1 °C
humidity range	10-99 % RH
humidity accuracy	1%
measuring range air pressure	919-1080 hPa
resolution/accuracy	0.1 hPa / 1.5 hPa
alarm duration	120 s
power supply	3 x 1.5 V AA batteries (LR6C, not incl.)
dimensions	unit: 233 x 145 x 33 mm
Weight	1300 g (indoor + outdoor unit)

