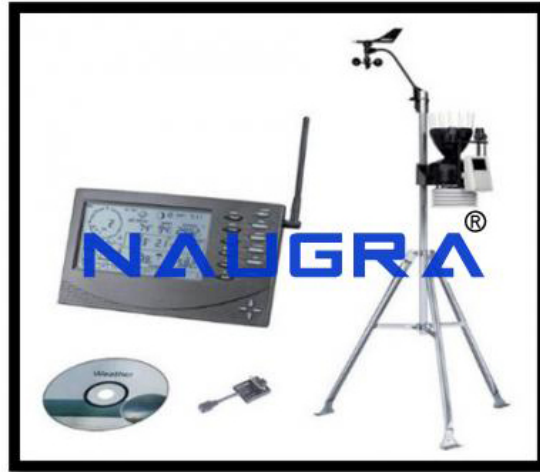


Product Name :
Wireless Environmental Monitoring System

Product Code :
DM988



Description :

Wireless Environmental Monitoring System

Technical Specification :

Wireless Environmental Monitoring System

Wireless weather station, with radio range up to 300 m and integrated sensor block, including supporting pole (1.77 m) and related mounting tripod.

1 console with graphical display, assembly base allowing both tabletop or wall use, power supply included.

Sensors for the acquisition of environmental and weather parameters:

Pressure: range from 880 to 1080 mbar, resolution of 0.1 mbar

Inner/outer relative humidity: range from 0 to 100%, resolution of 1%

Outer temperature: range from -40 to +65°C, resolution of 1°C

Inner temperature: range from 0 to 60°C, resolution of 1°C

Wind speed: range from 1 to 67 m/s, resolution of 0.1 m/s

Wind direction: from 0 to 360°, resolution of 1°

Rain: range from 0 to 19999 mm, resolution of 0.2 mm

Solar radiation: range from 0 to 1800 W/m², resolution of 1 W/m²

Data transmission via radio every 2.5 seconds.

The console enables to display not only the instantaneous measure of the parameters mentioned above, but also the following ones:

Heat index

Minimum and maximum external/internal humidity, with time and date

Weather forecasts with graphical symbols

Lunar phase and solar phase

Minimum and maximum external temperature with time and date
Wind speed with date and time
Minimum and maximum values of external humidity, with time and date
Dew point
Moreover, there are different settable alarms for all the functions (up to 32 different alarms).
More than 80 charts visible on the display with adjustable range for any sensor.
1 data logger with USB interface
The data acquisition and processing software for Windows allows to:
Display the weather actual conditions
Plot daily, weekly or yearly diagrams
Display different parameters, at the same time, to analyze any correlation among them
Dimensions: Console: 240 x 150 x 38 mm
Data logger: 30 x 35 x 15 mm
Tripod: 762 x 838 x 1320 mm

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