



Handheld Weather Instrument

| Meteorological Instrument

☰ Details Info

Introduction

Portable weather station is a portable, simple operation, set a number of meteorological elements in one portable meteorological observation instruments. Imports of sophisticated sensors and systems using smart chip, while wind direction, wind speed, atmospheric pressure, temperature, humidity, accurate measurement of five weather elements. Built-in large capacity FLASH memory chips can store at least one year of meteorological data; common USB interface, supporting USB cable can be used to download data to PC, user-friendly weather data for further processing and analysis.

The instrument can be widely used in meteorology, environmental protection, airports, agriculture, forestry, hydrology, military, warehousing, research and other fields.

Features

- 128 × 64 large-screen LCD display temperature, humidity, wind speed, air pressure;
- special dial direction (16 directions) and pointer to indicate the real direction;
- high-capacity data storage, can store up to 40,960 meteorological data (data logging interval can be set from 1 to 240 minutes);
- Universal USB interface for data download;
- only three AA batteries power supply; low-power design, long standby;
- scientific and reasonable structure design, easy to carry.

Measuring element	Range	Range	Resolution
Wind velocity	0--70	0.1m/s	±(0.3+0.03V)m/s
Wind direction	0--360	1°	±3°

Meteorological parameters	Atmospheric temperature	-50--50	0.1°C	±0.2°C
	Relative Humidity	0--100	0.1%RH	±3%RH
	Atmospheric pressure	450--1060	1hpa	±0.5%
Power supply	5 batteries (3)			
Communication	USB			
Storage	40000 data			
Size	97mm×28mm×400mm			
Weight	Approximately 0.5Kg			
Work environment	-20°C~50°C; 5%RH~95%RH			



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