

PAMS-I 型便携自动气象站

概述

PAMS-I 型便携自动气象站应用现代气象传感器技术、数据采集器技术、微机与通讯技术，实时的对预监测地区的大气温度、湿度、压力、风向、风速、等气象要素进行全自动观测，并以便携式微机显示出实时准确气象信息；亦可通过有线或无线实现气象站组网观测。该系统主要由智能综合传感器、微机、电源等组成。可手持、车载，较适用于军事、科考、生态、体育比赛、环保、消防等机动气象观测领域。



主要功能及特点

- ☆自动采集气象参数并转换为工程量
- ☆测量精度高、存储容量大
- ☆风向自动定北
- ☆接有线或无线 Modem 可组网
- ☆体积小、重量轻“想到哪里测就哪里测”

PAMS- I Portable Automatic Weather Station

Summary

PAMS- I (Portable automatic weather) station integrates modern meteorological sensor technology, data acquisition technology, microcomputer & communication technology to measure a real-time atmospheric temperature, humidity, barometric pressure, wind speed and direction, and the other meteorological elements of the pre-monitored areas. A real-time measured parameters



will displayed on the monitor and send to a third party address station through wired or wireless way. The system consists of intelligent integrated sensor, microcomputer, power etc..It can be hand-held or installed on-board, widely used in military, scientific research, ecology, sports ,Environmental protection, fire control and other meteorological observation fields.

Main functions and features

- ☆automatic acquisition of meteorological parameters and converted to the engineering quantity
- ☆high measuring precision and large storage capacity
- ☆north wind automatically set
- ☆wired/wireless Modem networking observation
- ☆small size and light weight , you can use it for measurement anywhere you like.

主要技术指标 (Product Specifications) :

测量要素 Measuring Elements	测量范围 Measuring Range	分辨率 Resolution	准确度 Accuracy	备注 Remark
温度 Temperature	-40~+50℃	0.1℃	±0.3℃	
湿度 Humidity	0~100%RH	1%	±5%	
风向 Wind direction	0~360°	1°	±10°	起动风速 Start wind speed ≤0.8 m / s
风速 Wind speed	0~40m/s	0.1	±(0.5+0.03v)	起动风速 Start wind speed ≤0.5 m / s
气压 Barometric pressure	550~1060hpa	0.1hpa	±1.5hpa	