Anemometer

Model: KC-280C

User's Manual

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Introduction

    KC-280C anemometer is a unit with high stability and advanced sensor technology. It is suitable for the measurement of air speed、temperature、humidity、wind chill、dew point、wet bulb .etc. under normal ambient temperature. It also has the function of compass. It is a ideal instrument in environmental monitor stations, hospitals, building air conditioning heating, ventilation test and calibrating temperature. It's helpful to recognize the direction in outdoor. This model has the advantages of easy operation, rapid measurement, safe usage and portability.

    It designs as a lower-power and intelligent way. It has backlight LCD display and has the function of default parameters saved and measurement data maintained automatically which can avoid to reset for each power on.

Technical Specifications

Product name		Anemometer
Model		KC-280C
Measuring range	Temperature range	-20℃～70℃
	Humidity range	0%～100%
	Air speed range	0.4～30.0m/s（80～5910ft/min）
	Pressure range	30～120kPa
Accuracy	For temperature	±1.0°C (-10 to 40°C)； ±1.8°F (14 to 104°F) ±2.0°C (-20 to -10 and +40 to 70°C)；±3.6°F (-4 to +14 and 104 to 158°F)
	For humidity	20%-80%RH：±3%RH; For other range:±3.5%RH
	For air speed	±（3% +0.2m/s），±（3% +40ft/min）
Resolution	Temperature	0.1℃
	Air speed	0.1m/s(1ft/min)
	Pressure	0.01kPa
Pressure accuracy		70～115kPa:±1kPa；For other range:±2kPa（@25℃）
Air speed response time		<2s
Backlight off time		About 15s
Automatic off		About 5 minutes
Power supply		CR2032
Working current		Backlight light on<10mA No backlight <3mA
Standby current		<150uA
Working temperature		−20℃～+70℃
Working humidity		5%～95%RH non-condensing
Storage Condition		-30℃～60°C，<85% RH（w/o batteries）
Size		148mm×53mm×22mm
Weight		About 83g (w/o batteries)