Anemometer

Model: KC-280B

User's Manual

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Introduction

KC-280B anemometer is a unit with high stability and advanced sensor technology. It is suitable for the measurement of air speed、air flow、temperature、humidity、wind chill、dew point、wet bulb .etc. It is a ideal instrument in environmental monitor stations, hospitals, building air conditioning heating, ventilation test and calibrating temperature. This model has the advantages of easy operation, rapid measurement, safe usage and portability. It is widely used in the measurement of environment temperature and air speed.

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-280B
Measuring range	Temperature range	0℃～50℃
	Humidity range	0%～100%
	Air speed range	0.4～30.0m/s(80～5910ft/min)
	Air flow range	0～36000CMM 0.8～999900CFM
	Dew point range	-25.3℃～49.0℃
Accuracy	For temperature	20～40.0℃：±0.6℃; For other range:±1.2℃
	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)
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		0℃～50℃
Working humidity		5%～95%RH non-condensing
Storage Condition		-30℃～60°C，<85% RH（w/o batteries）
Size		148mm×53mm×22mm
Weight		About 81g (w/o batteries)