

Anemometer

Model: KC-280A

User's Manual



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Introduction

KC-280A anemometer is a unit with high stability and advanced sensor technology. It is suitable for the measurement of air speed and temperature under normal ambient temperature. It is an 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-280A
Measuring range: temperature measuring range	-10°C ~ 50°C
Wind speed measuring range	0.2 ~ 30.0m/s(40 ~ 5905ft/min)
Measuring accuracy range: temperature accuracy	± 2.0°C
Wind speed accuracy	±5% below 100ft/min; ±1% above 100ft/min
Resolution: temperature	0.1°C
Wind speed	1ft/min
Response time	Temperature < 10s ; Wind speed < 2s
Backlight off time	About 15s
Automatic off	About 1 minute
Power supply	CR2032
Working current	Backlight light on < 10mA No backlight < 3mA
Standby current	< 150uA
Operating temperature	0°C ~ 40°C
Working humidity	5% ~ 95%RH non-condensing
Storage Condition	-30 ~ 60°C, < 85% RH (w/o batteries)
Size	53mm × 148mm × 27mm
Weight	About 78.5g(without battery)