

Cat.No.7687-10

Vane Type Anemometer Model SK-93F-II



Model

SK-93F-II

Wind run, wind velocity and air temperature can be measured and min., max. and mean values of each element are also displayed. RS-232C output is equipped. Supplied a handy carrying case.

Features

- The main body and probe are interchangeably used. Accuracy is not affected even if the probe is replaced with new ones.

(Note: The probe of the previous model SK-93F cannot be used with model SK-93FII)



- Wind run can be detected. By inputting and setting the section area of measurement, the wind run is calculated base on the measured wind velocity value.
- The mean, min. and max. of wind velocity, wind run and temperature are displayed.
- The measured values can be monitored with your PC in real time by using the dedicated RS-232C cable (option). (Communication program is not provided)
- Auto power-off function is equipped. If the unit is not operated for approx. 15 min., the power will be turned off automatically. This function conserves battery power if you forgot to turn the power off.

Specifications

Measuring range	Wind velocity: 0.7 to 25.00m/s Wind run: 0.01 to 99.00m ³ /sec. Temperature: -10 to 50°C
Accuracy	Wind velocity: ± (5% rdg + 0.5) m/s Wind run: Measurement accuracy + operational error Temperature: ±1°C
Resolution	Wind velocity: 0.01m/s Wind run: 0.01m ³ /sec Temperature: ±1°C
Display sampling	approx. 1 sec.
Sensing elements	Wind velocity (wind run): rotation detection by vane (propeller) Temperature: thermistor
Operation ambient	Main body: 0 to 50°C Probe: -10 to 60°C
Storage ambient	-20 to 60°C
Power requirement	9VDC (6F22 (006P)) battery x 1 pc.
Battery life	approx. 100 hours (without RS-232C output)
Dimensions	Main unit: 71(W) x 181(H) x 38mm(D) Vane: dia. 70 mm Cord length: approx. 0.5m
Weight	approx. 0.36kg (including battery)
Accessories	9VDC (6F22 (006P)) battery x 1 pc. Carrying case
Option	AC adapter (No.7687-52) RS-232C cable (No.7687-90)