MEXTECH ™

INSTRUMENTS OF TOMORROW

ANEMOMETER Model: AM-4208



Application: Installation, debug and repair for refrigeration industry, ventilation duct, environment monitor, navigation measurement, weather forecast, collection of the weather datum for outdoor busywork and fire department.

Specification		
Display	:	0.5”(13mm)4-digitLCD
Measurement units Air Velocity	:	m/s, km/h, ft/min, knots
Air Flow	:	CMM(m3/min) CFM(ft3/min)
Beaufort scale	:	Force
Wave Height	:	m
TEMP	:	°C&°F
Data hold	:	Max/Min Value
Data memorized	:	24groups
Sampling rate	:	reading per second approx
Sensors	:	
Conventional angled vane arms Wa\ith low-friction ball bearing		
Temperature sensor	:	
Precision thermistor		
Automatic Power off	:	0-9minutes set by users
Data output	:	RS232C serial interface
Operating temperature	:	14°F to140°F (-10°Cto60°C)
Operating humidity	:	Max.80%RH
Power supply	:	260g(0.571b)including batteries & probe

Optional accessories	**:**	Cable, software for rs232C

Air Velocity	**Range**	**Resolution**	**Accuracy**
m/s (meters per sec)	0.4-45.0	0.1 m/s	± (2%+0.1m/s)
km/h (kilo-meters/hour)	1.4-162.0	0.1 km/hr	±(2% +0.1km/hr)
ft/min (feet per minute)	80-8860	0.1 ft/min	±(2% + 1ft/min)
knots (nautical MPH)	0.8-88.0	0.1 knots	±(2% +0.1 nots)

Air Flow			
CMM (cubic meters/min)	0-9999	0.001 to1	±(2% +1m³/min)
CFM (cubic ft/min)	0-9999	0.001 to1	±(2% +1ft³/min)
Beaufort Scale	0-12	0.1	±0.5
Direction	0-360°	22.5°	±22.5°
Wave Height	0-14	0.1	±0.1
Air Temperature	14 - 140°F	0.1 °F	0.9 °F
	-10-60 ℃	0.1 ℃	0.5 ℃