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**AKTAKOM ATE-1033 Digital Anemometer** 



Accurately measures of air speed and temperature. Wide range of applications: air conditioning & heating systems, ventilation systems, draft, air velocities, and wind temperature. Cord long 44" (112 cm) with connector. Real time SD memory card Data logger.



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## **Features:**

- Air velocity: m/S, Ft/min, Km/h, Knots, Mile/h
- Air temperature ( °C, °F )
- Low-friction ball vane wheels make sure high accuracy in high & low velocities.
- Type K, Type J thermocouple thermometer.
- Thermistor sensor uses to measure air temperature for fast response.
- Real time SD memory card Data logger, it Built-in Clock and Calendar, real time data recorder, sampling time set from 1 second to 3600 seconds.
- Manual data logger is available (set the sampling time to 0), during execute the manual data logger function, it can set the different position (location) No. (Position 1 to position 99).
- Innovation and easy operation, computer is not need to setup extra software, after execute data logger, just take away the SD card from the meter and plug in the SD card into the computer, it can down load the all the measured value with the time information (year/month/date/ hour/minute/second) to the Excel directly, then user can make the further data or graphic analysis by themselves.
- SD card capacity: 1 GB to 16 GB.
- LCD with green light backlight, easy reading.
- Can default auto power off or manual power off.
- Data hold, record max and min reading.
- Microcomputer circuit, high accuracy.
- Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.
- RS232/USB PC COMPUTER interface.
- Separate probe, easy for operation of different measurement environment.
- Wide applications: use this anemometer to check air conditioning & heating systems, measure air velocities, wind temperature ... etc.





## Specifications:

Circuit	Custom microprocessor LSI circuit.
Display	LCD size : 52 mm x 38 mm
	LCD with green backlight (ON/OFF).
Measurement Unit	Air velocity:
	m/S (meters per second)
	Km/h ( kilometers per hour)
	Ft/min ( FPM, feet per minute)
	Knots ( nautical miles per hour)
	Mile/h ( mph, miles per hour)
	Air temperature:
	°C of
	Type Kj Type] thermometer.
Datalogger	1, 2, 5, 10, 30, 60, 120, 300,
Sampling Time	600, 1800 3600 second.
Setting range	@ Sampling time can set to 1 second,
	but memory data may loss.
	Push the data logger button
	once will save data one time.
	@ Set the sampling time to
	o second.
	@ Manual mode, can also select the
	1 to 99 position (Location) no.
Memory Card	SD memory card. 1 GB to 16 GB.
Advanced	* Set clock time ( Year/Month/Date,
setting	Hour/Minute/ Second)
	* Decimal point of SO card setting
	* Auto power OFF management
	* Set beep Sound ON/OFF
	* Set thermometer type to Type K or Type J
	* Set temperature unit to "C or of
	* Set sampling time
	* SO memory card Format