

AF200 Pitot Tube Instrument



### Precision Air Velocity Instruments

Digitron AF200 offers high standards of performance and value for precision air velocity measurements. The pitot tube method of measurement employed by the AF200 is suitable over the range 1.5m/s to 58m/s and up to +600°C. The instrument also functions as a stand alone micromanometer or temperature meter for true user versatility.

A full kit is available to accompany the AF200. This includes 295mm/12" pitot tube, air temperature probe, instrument protective cover and sling, quick fit pressure connectors, rubber tubing, nylon tubing and 9V PP3 battery. All this fits neatly into a custom carrying case.

#### Features

- Velocity, temperature and pressure measurement
- Multi-point averaging
- Smoothing
- Correction mode for temperature, pressure and K factor
- Easy zero adjust
- Measurements in both imperial and metric units
- Last configuration memorised
- Simplicity and reliability
- Choice of pitots



- Optional protective cover and sling
- Over 300 hours battery life
- Backlit display

Measurement Ranges			
Unit	Range	Unit	Range
m/s	1.5 to 58.0	mbar	0.00 to 19.99
ft/min	300 to 9999	inH2O	0.000 to 8.029
°C	-60 to +590	mmH2O	0.0 to 203.9
°F	-76 to +1094	Pa	0 to 2000
hPA	0.00 to 20.00		

Correction Ranges			
Value	Display Symbol	Unit	Settable in Range
Air Temperature	CORR °C	Celcius	-100 to +600
Static Pressure	CORR mbar	mbar (Absolute)	500 to 1500
Pilot Tube Cal Factor	CORR k	(factor)	0.10 to 3.00

Instrument Accuracies		
Measurement	Ambient Temperature	Specification
Pressure	+15°C to +25°C / +59°F to +77°F -10°C to +50°C / +14°F to +122°F	±0.2% Reading ±1 digit ± 0.3% Reading ±1 digit
Temperature	-10°C to +50°C / +14°F to +122°F	±0.1% Reading ±1 °C / ±2°F
Velocity	+15°C to +25°C / +59°F to +77°F +15°C to +25°C / +59°F to +77°F	±0.2m/s at 10m/s to 58m/s, ±40ft/min, 2000 to 9999ft/min ±0.3m/s at 4m/s, ±60 ft/min at 800 ft/min

Specification	
Operating Temperature	-10°C to +50°C / +14°F to +122°F

สนใจติดต่อ บริษัท เอเม็ท จำกัด 11/13 หมู่ 5 ถ.สุขคนธสวัสดิ์ แขวงลาดพร้าว เขตลาดพร้าว กทม. 10230

โทร.02-9079421-2 , 02-9077480-3, แฟกซ์ : 02-9079878 , Email : [sales@amet.net](mailto:sales@amet.net) , Web: [www.amet.net](http://www.amet.net)



Battery Type	9V PP3S or equivalent
Battery Life	300 hours typical (using Alkaline Battery)
Display	12.7mm / 0.5" custom LCD with automatic legend display
Low Battery Warning	'BAT' shows on display
Auto Power Off	5 minutes approx., disabled during correction and averaging modes
Connections	Push-fit plastic tubing, 6mm/0.236" O.D., 4mm / 0.157" I.D.
Dimensions	140 x 70 x 26mm / 5.5 x 2.8 x 1.0"
Weight	250g / 8.8 oz

