

AIR FLOW METER PCE-HVAC 2



Product Included

- Equipment
- Pitot tube
- Silicone hose x 2 pcs.
- Battery
- USB cable and software
- Thai Manual
- Carrying case
- Calibration certificate



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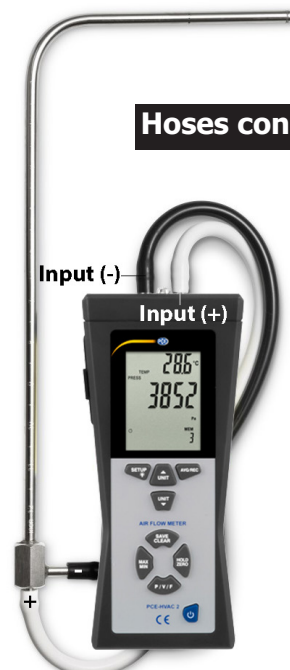
Features

- Suitable for high temperature wind approx. -50...+400 °C
- It is resistant to dust, water droplets and particle
- Easy to use
- low cost but worthy

Technical Data

Measurement velocity : 1...80 m/s
Accuracy (velocity) : ±2.5 % M.V.
Resolution (velocity) : 0.01 m/s
Unit (velocity) : m/s, ft/min, km/h, MPH, knots
Measurement Flow rate : 0...99,999 m³/min (depend on tube size)
Accuracy (Flow rate) : ±2.5 % M.V.
Resolution (Flow rate) : 0.01 m³/min
Unit (Flow rate) : CFM, CMM
Measurement differential pressure : -5000...+5000 Pa
Accuracy (differential pressure) : ±0.3 % @25 °C
Resolution (differential pressure) : 1 Pa
Unit (differential pressure) : Pa, PSI, mbar, inH2O, mmH2O
Operating temperature : -50...+400 °C
Operating pressure : -1...+1 bar
Pitot tube : Ø8 mm, length 300 mm
Dimension : 210 x 75 x 50 mm
Internal memory : 99 measured values per parameter
Function : average, minimum, maximum value
Battery voltage: 9V block battery
Weight : 600g

Hoses connection



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Table of flow rate

Tube size		Measurement Range	
DN	inch.	MIN (1 m/s)	MAX (80 m/s)
		Flow rate (CFM)	
25	1"	1.04	83.21
32	1" ¼	1.70	136.33
40	1" ½	2.66	213.01
50	2"	4.16	332.83
65	2" ½	7.03	562.49
80	3"	10.65	852.05
100	4"	16.64	1331.33
125	5"	26.00	2080.21
150	6"	37.44	2995.50
200	8"	66.57	5325.33
250	10"	104.01	8320.82
300	12"	149.77	11981.98
350	14"	203.86	16308.81
400	18"	266.27	21301.31
450	20"	336.99	26959.46
500	22"	416.04	33283.29
550	24"	503.41	40272.78
600	28"	599.10	47927.94
700	32"	815.44	65235.25
800	36"	1065.07	85205.22
900	40"	1347.97	107837.86
1100	44"	2013.64	161091.12
1200	48"	2396.40	191711.75
1400	56"	3261.76	260940.99
1600	64"	4260.26	340820.88
1800	72"	5391.89	431351.43
2000	80"	6656.66	532532.63

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