

AIR FLOW METER PCE-HVAC 2



Features

- Suitable for high temperature wind apox. $-50...+400\text{ }^{\circ}\text{C}$
- 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) : $\pm 2.5\%$ of measuring value
Resolution (velocity) : 0.01 m/s
Unit (velocity) : m/s, ft/min, km/h, MPH, knots
Measurement Flow rate : 0...99,999 m^3/min (depend on tube size)
Accuracy (Flow rate) : $\pm 2.5\%$ M.V.
Resolution (Flow rate) : 0.01 m^3/min
Unit (Flow rate) : CFM, CMM
Measurement differential pressure : -5000...+5000 Pa
Accuracy (differential pressure) : $\pm 0.3\%$ @25 $^{\circ}\text{C}$
Resolution (differential pressure) : 1 Pa
Unit (differential pressure) : Pa, PSI, mbar, inH₂O, mmH₂O
Operating temperature : $-50...+400\text{ }^{\circ}\text{C}$
Operating pressure : -1...+1 bar
Pitot tube : $\varnothing 8\text{ mm}$, 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

Delivery scope

- 1 x Handheld device
- 1 x Pitot tube
- 2 x Silicone hoses
- 1 x Battery
- 1 x USB cable and software
- 1 x carrying case
- 1 x Thai manual



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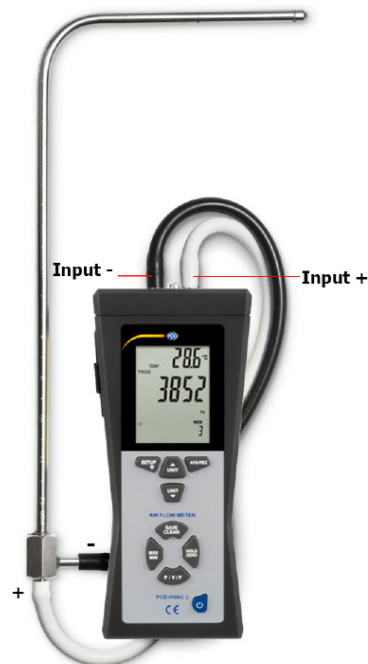
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Flow rate table

Tube size		Measurement Range [f ³ /min (CFM)]	
mm	inch.	Min. velocity (1 m/s)	Mam. velocity (80 m/s)
		Flow rate [f ³ /min (CFM)]	
25	1"	1	83
32	1" ¼	2	136
40	1" ½	3	213
50	2"	4	333
65	2" ½	7	562
80	3"	11	852
100	4"	17	1,331
125	5"	26	2,080
150	6"	37	2,996
200	8"	67	5,325
250	10"	104	8,321
300	12"	150	11,982
350	14"	204	16,309
400	18"	266	21,301
450	20"	337	26,959
500	22"	416	33,283
550	24"	503	40,273
600	28"	599	47,928
700	32"	815	65,235
800	36"	1,065	85,205
900	40"	1,348	107,838
1100	44"	2,014	161,091
1200	48"	2,396	191,712
1400	56"	3,262	260,941
1600	64"	4,260	340,821
1800	72"	5,392	431,351
2000	80"	6,657	532,533

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