



# 微差压计—GTI115

Micromanometer – GTI115

## Features

- ✚ High-precision differential pressure measurement: -2500~2500Pa
- ✚ Pitot tube can be connected to measure air velocity and airflow
- ✚ True-color LCD screen, display differential pressure, air velocity and airflow at the same time
- ✚ Save up to 10000 sets of data, which can be browsed, counted, exported and deleted
- ✚ No connection with computer needed, the data can be directly exported to a USB



GTI 115 It is a high-precision differential pressure tester for non-corrosive gases. It can be connected to a Pitot tube to measure wind speed and air volume. With data storage function and export function, it is more convenient for users to use.

## Specifications

Function		Specification
Differential pressure	Measurement range	-2500 ~ 2500 Pa
	Accuracy	reading $\pm$ 0.5% $\pm$ 1Pa
	Resolution	0.1Pa
Air Velocity	Measurement range	0.2 ~ 60 m/s
	Accuracy	Reading $\pm$ 1.5% (at 10.0m/s)
	Resolution	0.01 m/s
Airflow	Measurement range	0~999999 m <sup>3</sup> /h
	Resolution	1 m <sup>3</sup> /h
Operating temperature		0 ~ 60°C (no condensation)
Storage temperature		-20 ~ 70°C (no condensation)
Power source		4* AAA battery or DC5V adapter
Battery life		more than the 15 hours
Weight (with battery)		about 360g



## Product Composition

	Name	quantit
	Standard	Main Instrument
Tubing		2
Test report		1
User manual		1
Suitcase		1
Optional		Power Adapter
	Pitot tube	

## Application example



Differential pressure

Air Velocity

Airflow

Simultaneous display













Export data directly to USB

Serial: 80002						
ID:	1					
START TIME:	DATE	TIME	PRESSURE	VELOCITY	FLOW	
No.	yy-mm-dd	hh:mm:ss	Pa	m/s	m3/h	
1	2016/11/3	9:15:40	11.5	4.36	3178	
2	2016/11/3	9:15:44	11.5	4.37	3185	
3	2016/11/3	9:15:48	11.7	4.4	3207	
4	2016/11/3	9:15:55	11.6	4.38	3185	
5	2016/11/3	9:16:16	11.8	4.43	3229	
6	2016/11/3	9:16:19	11.8	4.43	3229	
7	2016/11/3	9:16:24	11.9	4.44	3236	
8	2016/11/3	9:16:31	11.8	4.43	3229	
9	2016/11/3	9:16:41	12	4.45	3244	
10	2016/11/3	9:16:46	11.8	4.43	3229	
11	2016/11/3	9:16:54	11.8	4.43	3229	
		Max	12	4.45	3244	
		Min	11.5	4.36	3178	
		Avg	11.7	4.41	3217	
ID:	2					
START TIME:	DATE	TIME	PRESSURE	VELOCITY	FLOW	
No.	yy-mm-dd	hh:mm:ss	Pa	m/s	m3/h	
1	2016/11/3	9:17:49	30.4	7.1	5175	
2	2016/11/3	9:17:52	30.4	7.1	5175	
3	2016/11/3	9:17:58	30.4	7.1	5175	
4	2016/11/3	9:18:19	30.5	7.11	5183	
5	2016/11/3	9:18:27	30.4	7.1	5175	
6	2016/11/3	9:18:33	30.2	7.08	5161	
7	2016/11/3	9:18:41	30.4	7.1	5175	
8	2016/11/3	9:18:51	30.4	7.1	5175	
9	2016/11/3	9:18:58	30.2	7.08	5161	
10	2016/11/3	9:19:02	30.3	7.09	5168	
11	2016/11/3	9:19:10	30.4	7.1	5175	
12	2016/11/3	9:19:23	30.5	7.12	5190	
		Max	30.5	7.12	5190	
		Min	30.2	7.08	5161	
		Avg	30.3	7.09	5174	