

Micro flow Element

**FLOW MASTER
FFM-100**



DETACHABLE

Conventionally, air leak tester's condition selection and functional check is performed by calculation and pressure conversion. This flow master generates "real leak" and enables users to confirm the following:

• Has air leak tester judged NG products correctly?	• Functional check (daily)
• Is normal sensitivity displayed when the leak of regulation occurs?	• Accuracy check (periodically)
• What setup should be made at the time of this amount of leaks?	• Condition setup (standard)

Detachable	The attachment and detachment to a main body can be performed, without removing measurement piping, by equipping the measurement circuit with coupling beforehand.
Routine	During the routine measurement, a plug is attached in coupling and the measurement course is changed into a sealing state.
Measurement	In case it measures, measurement becomes possible by substituting a plug into the main body.



SPECIFICATIONS

FLOW MEDIUM	air
ACCURACY	± 5% of F.S.
PRESSURE RANGE	-80~800kPa
GENERATING FLOW RANGE	0.1~10.0 ml/min
CONNECTION CALIBER COUPLING	R-1/4 (coupling)
TEMPERATURE	23°C ±3°C , 74°F ±6°F

RANGE

(Please Select Operating Condition)

PRESSURE			FLOW RATE ml/min
+ PRESSURE	- PRESSURE		
10 kPa	100 kPa	-10 kPa	0.1 ± 5%
20 kPa	200 kPa	-20 kPa	0.2 ± 5%
50 kPa	500kPa	-50 kPa	0.5 ± 5%
70 kPa	700kPa	-70 kPa	1.0 ± 5%
80 kPa	800kPa	-80 kPa	2.0 ± 5%
			5.0 ± 5%
			10.0 ± 5%

* Over 10.0 ± 5% ml/min to 100 ± 5% ml/min, we accept special specifications