

LINTEC

MASS FLOW CONTROLLER

OZ-1 Series Ozone MFC



Features

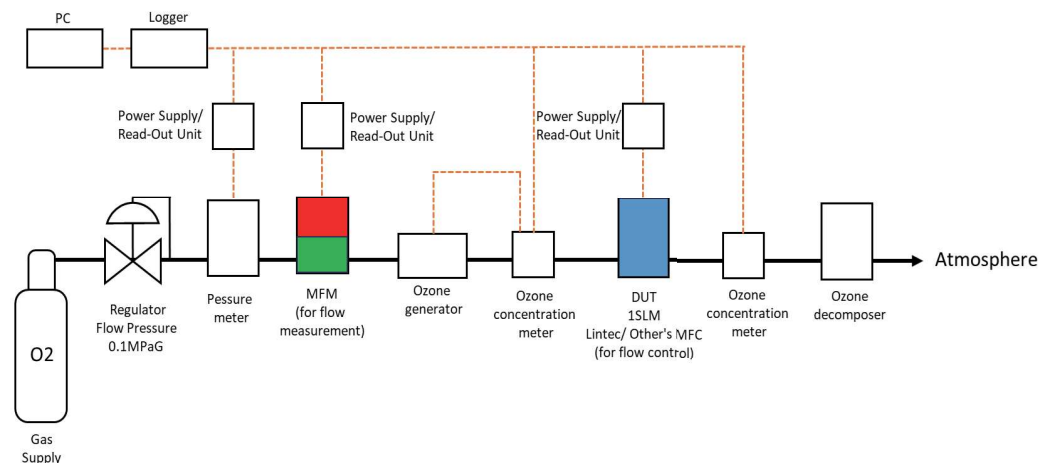
- LINTEC's unique ambient temperature-compensated sensor incorporated.
- One year guaranteed for O3 gas operating.
- High flow rate accuracy $\pm 1.0\%$ S.P.

Specification

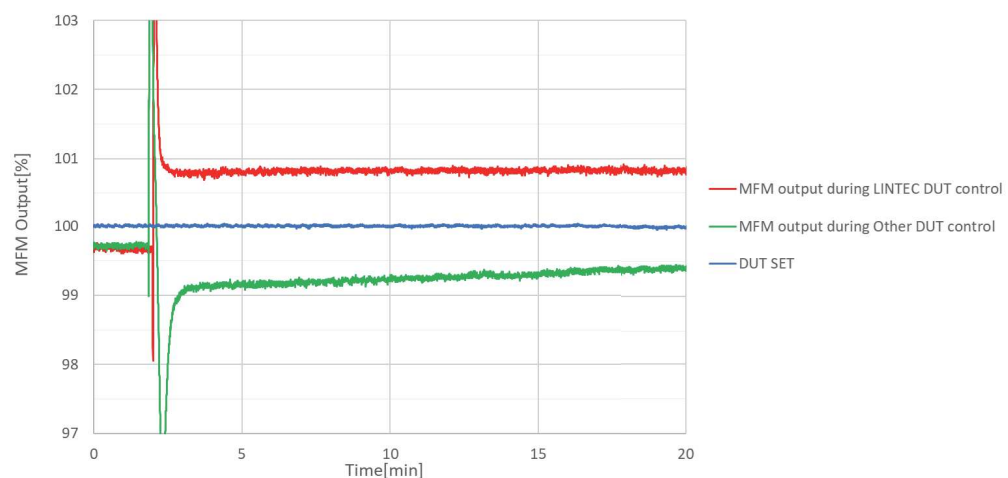
Specification	
Name	O3 Mass flow controller
Model	OZ-1
Flow rate range (N2)	10 SCCM ~ 5 SLM ~ 20 SLM ~ 50 SLM
Valve operation mode	Normally open / Normally closed
Surface treatment	Precision polishing
Flow rate control range	2 ~ 100% F.S.
Accuracy	100%F.S. ~ 25%F.S. ±1.0%S.P. 25%F.S. ~ 2%F.S. ±0.25%F.S.
Repeatability	±0.2%F.S.
Response time	1 second (Typical)
Operating differential pressure	50 ~ 300kPa(D) 100 ~ 300kPa(D) 150 ~ 300kPa(D)
Max operating pressure	300kPa(G)
Withstanding pressure	1MPa(G)
Operating temperature & humidity (Storage)	5 ~ 50°C & 0 ~ 80% RH (Condensation should be avoided) (5 ~ 50°C & 0 ~ 80% RH (Condensation should be avoided))
Temperature coefficient	Zero
	Span
Leak integrity	Less than 1.0×10^{-11} Pa·m ³ /sec (He)
Mounting direction	Free
Wetted materials	SUS316L, PCTFE, PTFE
Actuator	Piezoelectric actuator
Fittings	6.35 VCR TYPE, 6.35 SWL TYPE
Weight	Approx. 1kg

Long-term stability test

Schematic



Test data



This catalog is subject to revision without notice.



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