



INSTRUMENT DATA SHEET

DOCUMENT NO. 100-0124

**SAGE LITE
THERMAL MASS FLOW
METER**

GAS MASS FLOW

**SAGE SIL SPECIFICATIONS
INTEGRAL STYLE LITE
INSERTION MASS FLOW METER**

GENERAL INFORMATION

STYLE:	Integral Insertion Mass Flow Meter
SENSOR:	Two reference grade platinum RTD clad in 316SS sheath
MATERIAL:	Wetted metal components: 316SS
POWER:	24VDC Standard (12VDC or 115/230VAC optional)
POWER DISSIPATION:	<6 w
ELECTRONICS:	Microprocessor based
ELECTRONICS ENCLOSURE:	Integral mount, weathertight NEMA 4X blind enclosure
DISPLAY:	N/A
TURNDOWN:	100 to 1
RESOLUTION:	1000 to 1
LOW END SENSITIVITY:	5 SFPM
FIELD CALIBRATION CHECK:	Optional diagnostics
COMMUNICATIONS:	RS232 Communication and software (upon request)
APPROVALS:	N/A
FIELD RECONFIGURABLE:	Yes (upon request)
FLOW ACCURACY:	+/- 0.5% of Full Scale +/- 1% of reading
FLOW REPEATABILITY:	0.2%
RESPONSE TIME:	1 second
GAS TEMPERATURE RANGE:	-40° TO 200°F STD (if higher temperature needed, contact Sage)
GAS PRESSURE:	500 PSIG (if higher pressure needed, contact Sage)
FLOW OUTPUT:	4 to 20 mA for Rate, or 5VDC pulse for Totalized value (Transistor Output)
TEMPERATURE OUTPUT:	Optionally 0-5VDC (if Flow Output disabled)
AMBIENT TEMPERATURE:	-4° F TO 150°F
PROBE STYLE / LENGTH:	1/2" OD Probe (3/4" optional) Lengths 6" to 36"
RELAYS:	N/A
FLOW CONDITIONING:	Captive Flow Conditioners available upon request with meter purchase

Make the Wise Choice. Choose Sage Flow Meters.

