



INSTRUMENT DATA SHEET

DOCUMENT NO. 100-0149 Rev. 6

**SAGE PRISM
THERMAL MASS FLOW
METER**

GAS MASS FLOW

**SAGE SCD SPECIFICATIONS
CABLED STYLE PRISM
INSERTION DATALOGGING MASS FLOW METER**

GENERAL INFORMATION

STYLE:	Cabled Portable Datalogging Mass Flow Meter (2 foot coiled cable stretches to 10 feet)
SENSOR:	Two reference grade platinum RTD clad in 316SS sheath
MATERIAL:	Wetted metal components: 316SS
POWER:	Internal battery, 8-10 Hrs. of continued operation (includes 12VDC adapter)
POWER DISSIPATION:	<2.5 w
ELECTRONICS:	Microprocessor based
ELECTRONICS ENCLOSURE:	Molded leak proof enclosure cabled to a handheld probe (2 ft. extends to 10 ft.)
DISPLAY TYPE:	High contrast graphical display (organic LED):
DISPLAY CONTENT:	Flow rate, Temperature, Time & Date Stamps, Log#, Channel, Tag ID
CALIBRATIONS:	Up to 16 different calibrations or configurations (Channels A-P)
FIELD RECONFIGURABLE:	Yes - Sage ADDRESSER (included). User can configure any Channel
TURNDOWN:	100 to 1
RESOLUTION:	1000 to 1
LOW END SENSITIVITY:	5 SFPM
FIELD CALIBRATION CHECK:	Yes - Digital system allows raw signal validation in milli-watts (once Logs are cleared)
COMMUNICATIONS:	Via USB to a .CSV format (Excel® file)
FLOW ACCURACY:	+/- 0.5% of Full Scale +/- 1% of reading (Enhanced accuracy optionally available with limited turn-down)
FLOW REPEATABILITY:	0.2%
RESPONSE TIME:	1 second
GAS TEMPERATURE RANGE:	-40° to 200°F (93°C)
GAS PRESSURE:	500 PSIG
FLOW OUTPUT:	Via USB to a .CSV format (Excel® file)
TEMPERATURE OUTPUT:	Via USB to a .CSV format (Excel® file)
AMBIENT TEMPERATURE:	-40° F to 125°F (52°C)
PROBE STYLE / LENGTH:	1/2" OD Probe lengths 6" to 24"
DATA OUTPUT:	Outputs up to 3800 data points in .CSV format (Excel® file), via USB cable
DATA TRANSFERRED:	LOG#, TAG ID, Channel, Date Stamp, Time Stamp, Flow, Temperature
CARRYING CASE:	Included

Make the Wise Choice. Choose Sage Flow Meters.

