

AUTO-purge / CEM INSTALLATION GUIDE

Air Requirement.

80 to 100 psig at 100 CFM, oil and dirt free. 1 to 24 purge cycles per day, with a field selectable duration between 30 and 120 seconds during which compressed air is released.

Line Size from AUTO-purge/CEM to STACK-probe.

<u>Distance from AUTO-purge Panel to STACK-probe</u>	<u>Tube Size</u>
< 25'	1/2" S.S. tube
25' - 50'	3/4" S.S. tube
> 50'	1" S.S. tube

IMPORTANT

If freezing conditions are expected, a self-regulating heat trace with insulation and jacket is required for signal lines.

Accumulator Tank (strongly recommended). Requires coalescing filter, pressure regulator, and check valve at the tank inlet.

- 1 stack traverse - 80 gallons
- 2 stack traverses - 120 gallons

Line from Accumulator Tank to AUTO-purge Panel.

25' maximum length, 1/2" pipe (minimum). Recommend locating accumulator tank as close as possible to AUTO-purge panel.

Line from AUTO-purge Panel to MASS-tron/CEM.

<u>Distance</u>	<u>Tube Size</u>
200'	1/4" S.S. tube

IMPORTANT

Sloping of lines and drip legs are required for all applications. If freezing conditions are expected, a self-regulating heat trace with insulation and jacket or a pre-fabricated umbilical are required for signal lines.

Electrical Power Requirement.

120 VAC, 10 amp. (For heater and/or cooler.)

Ambient Temperature.

40°F-140°F. For ranges above or below this ambient temperature, use of panel heater and/or cooler is required.

Purge Frequency.

Once/day minimum, once/hour maximum.

