

VOLU-probe /3 INSERTABLE /REMOVABLE AIRFLOW TRAVERSE PROBE



STANDARD CONSTRUCTION

- Probe.** 3/4" or 1-3/8" dual chambered. Type 6063 anodized aluminum extrusion, mounting plate, and end support.
- Mounting.** External duct mounted for insertion and removal, with end support.
- Connection Fittings.** 1/4" brass compression type.
- Operating Temperature.** Continuous operation to 200°F.

PERFORMANCE SPECIFICATIONS

- Accuracy.** 2%; dependent upon quantity and placement of probes to achieve traverse of ducted airflow.
- Outputs.** Individually averaged signals of total and static pressure.
- Operating Velocity.** 400-10,000 FPM.
- Directional Sensitivity.** Not measurably affected by directional airflows with pitch and yaw angles up to 30°.
- Traverse Pattern.** On an equal area basis for rectangular probes. On an equal concentric area basis for circular probes.
- Resistance.** Less than 0.1 times the velocity pressure head at probe operating velocity.

OPTIONAL CONSTRUCTION

- Protective Coatings.**
 - Epoxy Polyamide
 - Polyurethane
- Connection Fittings.**
 - 3/8" brass compression type
 - Brass barbed for 1/4" OD tubing
 - Brass barbed for 3/8" OD tubing

DIMENSIONAL SPECIFICATIONS

