
Airflow Meters -- Medical

PRESSURE

AP 00252

PRODUCT

160 PC series

APPLICATION

Pneumotachometers (transducers used in measuring expired airflow) are used in physical stress evaluations and intensive care monitoring. The pneumotachometer measures how much air is inhaled and exhaled by the patient. This is determined by using a known pressure drop (such as a screen, orifice or venturi,) and measuring the pressure on each side of it. The airflow can then be calculated from the pressure differential. The pressure range is normally ± 5 to ± 10 inches of water. Other air flow meter applications are: oxygen flow, air or gas pollution sampling, lead detection, control gas flow, control CO₂ flow into hot houses/greenhouses