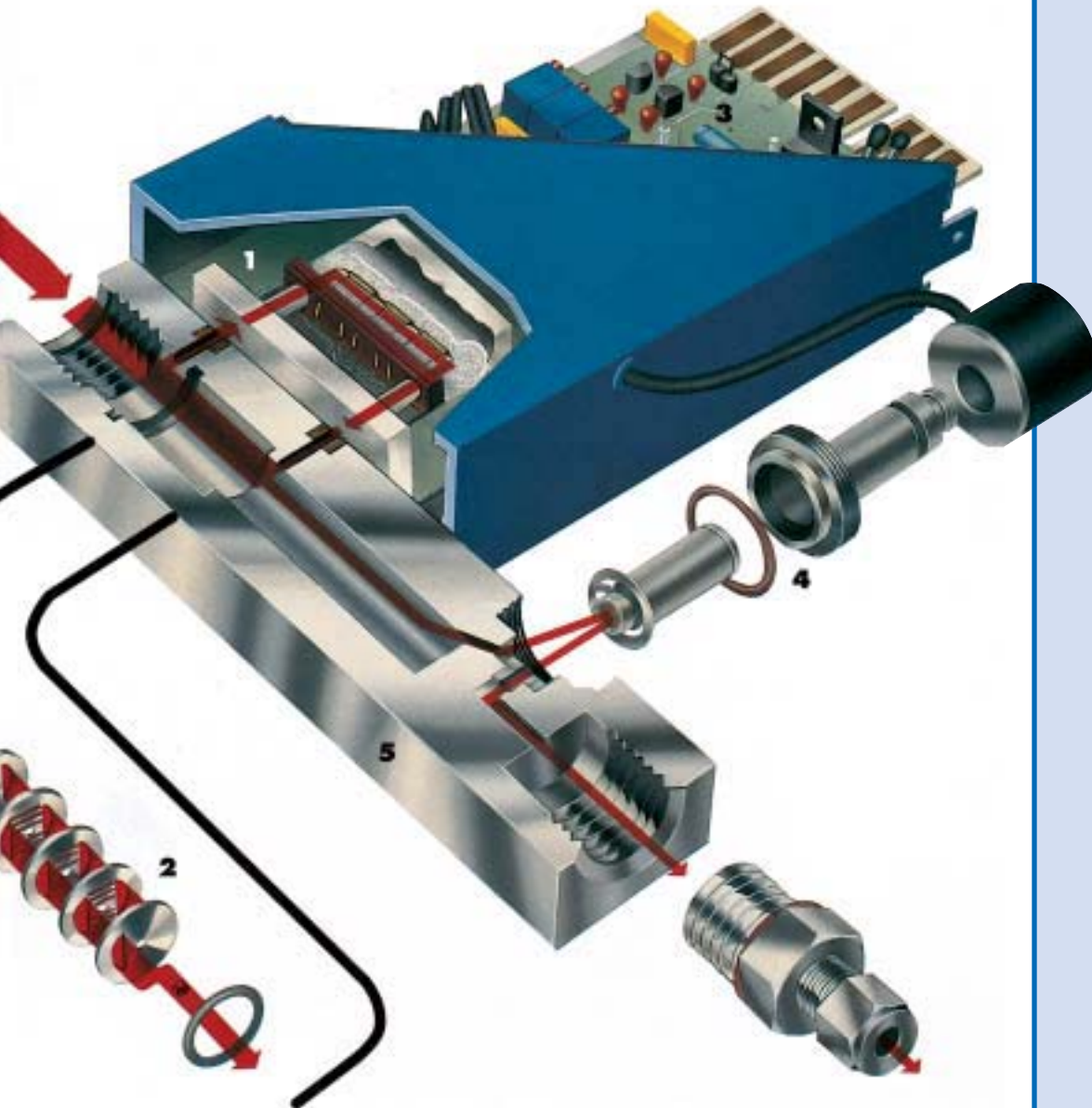


1. REMOVABLE SENSING TUBE ASSEMBLY simplifies maintenance.
2. PATENTED LAMINAR FLOW ELEMENT PACKAGE – Computer-determined for each specific application based on flow rate and physical properties of the process gas.
3. CHOICE OF CONTROL CIRCUITRY – Fast response circuitry available in a card edge or D-type electrical connector. Card edge electrical connector pin-out configuration facilitates retrofitting of existing mass flowmeters/flow controllers.
4. SIMPLIFIED NORMALLY CLOSED VALVE DESIGN – Easily disassembled for service.
5. STAINLESS STEEL CONSTRUCTION – VITON®, Buna N, NEOPRENE®, EPDM or KALREZ® elastomers available.

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PORTER: PERFORMANCE

FAST RESPONSE – The Porter MFC responds to a step change in setpoint in less than one second. Actual flow is stabilized within 2 seconds, virtually without overshoot. (See response chart below.)

WIDE FLOW RANGE – Models are available with flow ranges of 0-5 sccm to 0-1000 slpm N₂. High pressure models have operating pressures to 3000 psig.

SOFT RECOVERY VALVE OVERRIDE – Available with the card edge electrical connector, the control valve may be held open or closed by an external logic signal. Return to normal setpoint is smooth and without overshoot or undershoot, preventing potential damage to the valve or process system.

STABLE ZERO CONTROL – Ensures valve shutoff at zero setpoint and reduces zero drift.

INTERNAL VOLTAGE REGULATION AND TEMPERATURE COMPENSATION CIRCUITS – Stabilizes output signal and control regardless of power supply and temperature fluctuations.

ATTITUDE INSENSITIVITY – Mounting position does not affect performance.

INTERCHANGEABILITY – The Model 201's physical dimensions and the card edge electrical connector pin-out configuration are designed to easily retrofit competitive equipment.

