



Kurz Instruments provides flow meter products of outstanding quality and exceptional dependability that exceed the most challenging industry requirements. In dry or wet gas environments, Kurz flow meters define the industry standard for the highest repeatability, accuracy, and reliability. Applications that call for general information, exacting accuracy, or system protection rely on Kurz devices for real-time sensor and electronics diagnostics, and dependable temperature compensation.

FLOW TRANSMITTER

The Kurz 454FTB single-point insertion flow meter for industrial gas flow measurement includes the qualities and features found in all Kurz constant temperature thermal flow meters that make them outperform all other currently available thermal mass flow meters,

- **Velocity range** 0 to 70,000 SFPM (325 NMPS)
- **Flow accuracy** (SCFM at laboratory conditions) \pm (1% of reading +20 SFPM)
- **0.25% reading repeatability**
- **Velocity time constant** 1 second for velocity changes at 6,000 SFPM (constant temperature)
- **Process temperature time constant** 8 seconds for temperature changes at 6,000 SFPM (constant velocity)
- **Temperature accuracy** \pm (0.5% of reading +1°C) for velocities above 100 SFPM
- **Electronics operating temperature** Integral display -13°F to 149°F (-25°C to 65°C) Remote aluminum enclosure -40°F to 149°F (-40°C to 65°C) Remote polycarbonate enclosure -13°F to 122°F (-25°C to 50°C)



SERIES 454FTB

[Product Guide](#)

