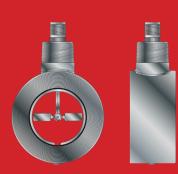
Sur-Tech Instruments Ltd

United Kingdom ■ www.sur-tech.uk

tel: +44 (0) 3330 156137 email: sales@sur-tech.uk





Gas Turbine Flow Meter

The gas turbine flow meter provides long service life by offering a durable construction design composed of stainless steel and tungsten carbide shaft and bearings. The unique wafer style design allows for quick installation and easily fits between two flanges.

STGTFM-04

FEATURES

- Fully compatible with most instruments, PLCs and computers
- Consistent, reliable gas flow measurement
- Wafer mounting configuration for limited space requirements
- Light weight, balanced rotor provides instantaneous response to changes in flow
- No mating flange design allows for quick and easy install
- Superior material of construction for high performance in aggressive environments

SPECIFICATIONS

INSTALLATION	Mounts between two 2 in. ANSI raised face flanges, ideally sized for 2 in. schedule 40 or 80 pipe; horizontal or vertical orientation
WORKING PRESSURE	Vacuum to 2220 psig (15.3 MPa) max.
TEMPERATURE	-40330° F (-40165° C)
REPEATABILITY	±0.5% of reading
MATERIAL	316/316L, 410 and 304 grade stainless steels, tungsten carbide
EXPLOSION-PROOF	Class I Division 1 Groups C, D
SINGLE SEAL	Complies with ANSI/ISA 12.27.01-2003

PART NUMBER CONSTRUCTION

FLOW METER*	Flow Rate		K-Factor	Repair Kit***	Hardware Kit
	ACFM**	MCFD	Pulses/ft³ (Pulses/m³)		
STGTFM-WL (Low)	770	10100	365 (12,900)	STGTFM-WL-KIT	
STGTFM-WM (Medium)	14210	20300	190 (6,710)	STGTFM-WM-KIT	STGTFM-2-150KIT
STGTFM-WH (High)	35350	50500	85 (3,000)	STGTFM-WH-KIT	

^{*}Does not include magnetic pickup. Order Sur-Tech STMAGPKUP-LD Low Drag Pickup

^{**} At o psig (o bar) and 60°F (15.6°C)

^{***} Compatible with Cameron/NuFlo 2 in. wafer gas meter