



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	-40...330° F (-40...165° 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 Pulses/ft ³ (Pulses/m ³)	Repair Kit***	Hardware Kit
	ACFM**	MCFD			
STGTFM-WL (Low)	7...70	10...100	365 (12,900)	STGTFM-WL-KIT	STGTFM-2-150KIT
STGTFM-WM (Medium)	14...210	20...300	190 (6,710)	STGTFM-WM-KIT	
STGTFM-WH (High)	35...350	50...500	85 (3,000)	STGTFM-WH-KIT	

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

** At 0 psig (0 bar) and 60°F (15.6°C)

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