

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

TYLAN

TYLAN FC-260 MASS FLOW CONTROLLER, 200 SCCM O₂ IN AIR 150 PSIG MAX.

The Tylan FC-260 Mass Flow Controller accurately controls gas flow up to 200 SCCM O₂ in air with a maximum pressure of 150 PSIG. Ideal for precise gas delivery in various industrial and research applications.



MODEL

Tylan FC-260

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FC-260

LISTING

<https://aumictechlabs.com/products/fc-260-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Tylan FC-260 Mass Flow Controller delivers precise, automated control of gas flow rates for semiconductor manufacturing and industrial research applications. This 200 SCCM O₂-in-air configured unit measures and regulates flow without external pressure or temperature compensation, maintaining $\pm 1\%$ full-scale accuracy across its operating range. The solid-state valve assembly operates under laminar flow conditions, ensuring long-term repeatability of $\pm 0.5\%$ FS with typical response time of 6 seconds. Sealed construction achieves $< 1 \times 10^{-9}$ atm cc/sec He leak integrity. The FC-260 mounts in any orientation without zero adjustment and operates from 5 to 43°C. Technical Specifications Flow Rate: 200 SCCM O₂ in air (alternative configurations: 3 SLPM air, 5 SLPM O₂) Maximum Pressure: 150 PSIG (10.35 bar max; 2.08 bar optimal) Accuracy: $\pm 1\%$ full scale Linearity: $\pm 2\%$ full scale Repeatability: $\pm 0.5\%$ full scale Response Time: Typically 6 seconds Leak Integrity: $< 1 \times 10^{-9}$ atm cc/sec He Operating Temperature: 5 to 43°C (40 to 110°F)

Electrical Output: 0–5 VDC (5 V = FS); 4–20 mA optional Control Signal Input: –5 VDC (2.5 k Ω max source impedance) Input/Output Impedance: 2000 Ω Power: +15 VDC @ 25 mA max; –15 VDC @ 180 mA max (4.0 W total) Dimensions: 125.5 mm $\times$ 136 mm $\times$ 25.4 mm Weight: 500 gm Construction: Type 316 Stainless Steel (primary) Key Features Orientation-insensitive design - no zero adjustment required Solid-state valve assembly with superior bypass design Negligible dead volume Gas-universal operation with known conversion factors Selectable seal materials: 316 SS, Viton®, Kalrez®, Neoprene Typical Applications Semiconductor process gas delivery and automation Industrial and research environments requiring automated flow control Processes demanding precise oxygen or air delivery Compatibility & Integration The FC-260 accepts analogue control signals and outputs linear 0–5 VDC or optional 4–20 mA for integration with process control systems. Gas compatibility extends to any gas with established conversion factors.

Features & description

From manufacturer datasheet

Technical Specifications

Flow Rate: 200 SCCM O₂ in air (alternative configurations: 3 SLPM air, 5 SLPM O₂) Maximum Pressure: 150 PSIG (10.35 bar max; 2.08 bar optimal) Accuracy: ±1% full scale Linearity: ±2% full scale Repeatability: ±0.5% full scale Response Time: Typically 6 seconds Leak Integrity: $< 1 \times 10^{-9}$ atm cc/sec He Operating Temperature: 5 to 43°C (40 to 110°F) Electrical Output: 0–5 VDC (5 V = FS); 4–20 mA optional Control Signal Input: –5 VDC (2.5 kΩ max source impedance) Input/Output Impedance: 2000 Ω Power: +15 VDC @ 25 mA max; –15 VDC @ 180 mA max (4.0 W total) Dimensions: 125.5 mm × 136 mm × 25.4 mm Weight: 500 gm Construction: Type 316 Stainless Steel (primary)

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Tylan FC-260 — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Tylan FC-260. Calibration covers I/O channel accuracy per specification, analog output and input calibration to rated accuracy, and functional communication interface test (serial, Ethernet, fieldbus). All calibrations ship with a NIST-traceable certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Common Tylan FC-260 faults: blown I/O fuses, failed analog modules, power supply capacitor failure. Common faults include blown I/O protection fuses, failed analog I/O modules, power supply capacitor failure, and serial or Ethernet communication port damage. [Request Calibration](#) → [Request Repair Quote](#) →

Tylan FC-260 price

This Tylan FC-260 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Tylan FC-260 calibration cost

NIST-traceable calibration for the Tylan FC-260 is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Calibration for this instrument covers I/O channel accuracy per specification, analog output and input calibration to rated accuracy, and functional communication interface test (serial, Ethernet, fieldbus). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

Semiconductor process gas delivery and automation Industrial and research environments requiring automated flow control Processes demanding precise oxygen or air delivery Compatibility & Integration The FC-260 accepts analogue control signals and outputs linear 0–5 VDC or optional 4–20 mA for integration with process control systems. Gas compatibility extends to any gas with established conversion factors.

Unit notes

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Key Features

Orientation-insensitive design - no zero adjustment required Solid-state valve assembly with superior bypass design Negligible dead volume

FC-260 Specifications

PARAMETER	VALUE
Voltage / Current Range	0-10 Vdc optional

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

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Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.