



Alicat Scientific, Inc.
 7641 N Business Park Drive
 Tucson, AZ 85743 USA
 1-520-290-6060
 orders@alicat.com
 alicat.com

Quote: 31077
 Quote Date: 11/6/2018

Quoted By:	Ship To:
Aniket Patil aniket.patil@alicat.com 1-520-290-6060 Thank you for your quote request. Please feel free to contact me if you should have any questions.	Joe Flowers jflowers@icm-inc.us Phone: 501-607-7758 ICM OF AMERICA 1040 N. Redmond Rd. Jacksonville, Arkansas, 72076 United States of America

Application Parameters

Application information and operating conditions:
 For bidding to Jefferson Parish.

Line Items

Line 1 of 5	Qty: 2	Each: \$2,765.00	Total: \$5,530.00
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MCRS-250SLPM-D-DB15/CM, 5IN, GAS: NH3, RANGE: 200 SLPM
 Mass Flow Controller 0 - 250 SLPM, Display, Stainless sensor, DB15

Lead Time: 14 business days (plus shipping)

- Body and sensor engineered for 0-250 SLPM full scale
- Custom calibrated full scale range of 200 SLPM
- Backlit monochrome LCD screen
- 15 pin D-SUB (male) connector
- Multivariate measurements include: mass flow, volumetric flow, absolute pressure, and temperature
- Gas selection initially set to NH3
- 128 selectable gases
- COMPOSER firmware allows user customizable gas presets
- RS-232 data communication
- 2.1 mm barrel power jack
- Primary 4-20 mA output of mass flow
- 0-5 volt input for setpoint control
- Power Requirements: 24-30 Vdc, 750 mA
- 1/2 inch female NPT process connections
- Approx. pressure drop at default body full scale (assuming air, venting to atmosphere): 2.4 PSI
- 100:1 Turndown ratio
- Accuracy specification: ±(0.2% of full scale + 0.8% of reading)
- NIST traceable calibration certificate included
- RoHS compliant
- Power supplies, communication cables, and filters sold separately

Line 2 of 5	Qty: 3	Each: \$2,465.00	Total: \$7,395.00
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MCRS-100SLPM-D-DB15/CM, 5IN, GAS: NH3
 Mass Flow Controller 0-100 SLPM w/ Display, Stainless sensor, Low Drop Valve, DB15

Lead Time: 14 business days (plus shipping)

Please email purchase orders to: orders@alicat.com or fax: 520-290-0109.
 Be sure to reference the above Quote Number when placing an order.
 Prices are valid for 30 days from issue.



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- Body and sensor engineered for 0-100 SLPM full scale
- Backlit monochrome LCD screen
- 15 pin D-SUB (male) connector
- Multivariate measurements include: mass flow, volumetric flow, absolute pressure, and temperature
- Gas selection initially set to NH3
- 128 selectable gases
- COMPOSER firmware allows user customizable gas presets
- RS-232 data communication
- 2.1 mm barrel power jack
- Primary 4-20 mA output of mass flow
- 0-5 volt input for setpoint control
- Power Requirements: 24-30 Vdc, 750 mA
- 1/4 inch female NPT process connections
- Approx. pressure drop at default body full scale (assuming air, venting to atmosphere): 3.2 PSI
- 100:1 Turndown ratio
- Accuracy specification: $\pm(0.2\%$ of full scale + 0.8% of reading)
- NIST traceable calibration certificate included
- RoHS compliant
- Power supplies, communication cables, and filters sold separately

Line 3 of 5	Qty: 1	Each: \$1,820.00	Total: \$1,820.00
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MS-250SLPM-D/5M, GAS: Air, RTL	Lead Time: 14 business days (plus shipping)
Mass Flowmeter, 0 - 250 SLPM, Display, Stainless sensors	

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| <ul style="list-style-type: none"> • Body and sensor engineered for 0-250 SLPM full scale • Backlit monochrome LCD screen • Multivariate measurements include: mass flow, volumetric flow, absolute pressure, and temperature • Gas selection initially set to Air • 130 selectable gases • 8 pin mini-DIN electrical connector • COMPOSER firmware allows user customizable gas presets • RS-232 data communication • 2.1 mm barrel power jack • Primary 0-5 volt output of mass flow | <ul style="list-style-type: none"> • Right-to-left flow configuration • Power Requirements: 7-30 Vdc, 40 mA • 1/2 inch female NPT process connections • Approx. pressure drop at default body full scale (assuming air, venting to atmosphere): 2.1 PSI • 100:1 Turndown ratio • Accuracy specification: $\pm(0.2\%$ of full scale + 0.8% of reading) • NIST traceable calibration certificate included • RoHS compliant • Power supplies, communication cables, and filters sold separately |
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Line 4 of 5	Qty: 1	Each: \$1,570.00	Total: \$1,570.00
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MS-100SLPM-D/5M, GAS: Air, RTL	Lead Time: 14 business days (plus shipping)
Mass Flowmeter, 0 - 100 SLPM, Display, Stainless sensor	

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- Body and sensor engineered for 0-100 SLPM full scale
- Backlit monochrome LCD screen
- Multivariate measurements include: mass flow, volumetric flow, absolute pressure, and temperature
- Gas selection initially set to Air
- 130 selectable gases
- 8 pin mini-DIN electrical connector
- COMPOSER firmware allows user customizable gas presets
- RS-232 data communication
- 2.1 mm barrel power jack
- Primary 0-5 volt output of mass flow
- Right-to-left flow configuration
- Power Requirements: 7-30 Vdc, 40 mA
- 1/4 inch female NPT process connections
- Approx. pressure drop at default body full scale (assuming air, venting to atmosphere): 2.5 PSI
- 100:1 Turndown ratio
- Accuracy specification: $\pm(0.2\%$ of full scale + 0.8% of reading)
- NIST traceable calibration certificate included
- RoHS compliant
- Power supplies, communication cables, and filters sold separately

Line 5 of 5	Qty: 2	Each: \$55.00	Total: \$110.00
PVPS24U Power Adapter - 24 VDC, 1 Amp (Worldwide)			Lead Time: 14 business days (plus shipping)

Subtotal*: \$16425.00
 (Plus shipping and tax where applicable.)

Note: The lead times vary with manufacturing load. Expedited lead times are sometimes available. Please call us at 520-290-6060 if you need these items faster.

*Plus shipping and tax where applicable. For international orders, import duties/taxes are not included in the pricing above.

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