



Please consult factory or your local representative for proper recommendations. To expedite a quotation, please complete the following worksheet and fax it to us at 978-777-8820 or email to sales@auburnsys.com.

Model #: U3200-

E1 Power _____
 1. 85 - 260 VAC
 2. 10 - 32 VDC

E2 Output _____
 1. (2) SPDT Relay

E3 Enclosure _____
 1. NEMA 4X
 9. Special

SENSOR

S1 Probe Material _____
 1. 316 Stainless Steel 4. Hastelloy
 2. Carbide 9. Special
 3. Inconel

S2 Insulator Material _____
 1. Teflon (TFE):
 -40° - 300° F (-40° - 150° C); up to 30 psi
 2. Ceramic (High Temperature or Pressure):
 -40° - 1000° F (-40° - 540° C); up to 2000 psi
 3. Teflon (TFE) with Air Purge:
 -40° - 300° F (-40° - 150° C); up to 30 psi
 4. Ceramic with Air Purge
 5. Extended High Performance (PFA): **Standard**
 -40° - 475° F (-40° - 240° C); up to 30 psi
 6. Extended High Performance (PFA) with Air Purge
 9. Special

S3 Probe Insertion Length* _____
 1. 1/2" (1.3cm) 5. 18" (45.7cm)
 2. 3" (7.6cm) 6. 30" (76.2cm)
 3. 6" (15.2cm) 7. 36" (91.4cm)
 4. 12" (30.5cm) 9. Special

* Probe length should reach approximately mid-duct. For large ducts (>72") contact Auburn for wire rope or other sensor options.

S4 Sensor Mounting _____
 F. Flanged S. Special
 N. 1/2" Male NPT T. Threaded Quick Release
 Q. Quick Release V. Venturi (Fugitive Dust)

Cable Length (feet) _____ @ \$ _____/foot

Cable Terminals

Factory Installed _____ @ \$ _____/set
 or Field Kit _____ @ \$ _____/set

Extras

Manuals (one included) _____ @ \$ _____ each
 Stainless Steel Tags _____ @ \$ _____ each
 Set of Prints _____ @ \$ _____ each
 Spare Parts Kit _____ @ \$ _____ each
 Field Test Unit _____ @ \$ _____ each

\$ _____
Total

REQUEST FOR QUOTE:

Name _____
 Title _____
 Company _____
 Address _____
 City _____ State _____ Zip _____
 Telephone (_____) _____ Fax (_____) _____
 Email _____

APPLICATION
 Fabric Filter
 Cyclone
 Other

CONCERN
 Environmental
 Maintenance
 Process/Prod. Loss

PROCESS CONDITIONS

Temperature _____ ° F (C°) Particulate _____
 Duct ID _____ inches (cm) Gas _____
 Pressure _____ psig (bar) Velocity _____ ft./min (m/s)
 Comments _____

SPECIFICATIONS:

ELECTRONICS

Enclosure Polycarbonate NEMA 4X
Power 85-260 VAC standard (10 - 32 VDC optional)
Power Consumption 3 Watts maximum load
Operating Temperature -31° - 185°F (-35° - 85°C)
Humidity Range 0 - 95% relative; non-condensing
Hazardous Rating Designed intrinsically safe
Dynamic Range 1 pA - 10,000,000 pA - Standard
 0.1 pA - 1,000,000 pA - Optional
Resolution/Precision (pA) 1 pA Standard
 0.1 pA Optional
Sensitivity Range Typical .0005gr/dscf (1mg/m³) concentration detectable
Output (2) SPDT Relays, 5A @ 30VDC or 250VAC
 Independent alarm set-points, high or low (0 - 100%)
 Independent alarm delays (0 - 600 sec)

SENSOR

Remote Sensor Enc. Cast aluminum, electrostatically applied powder coating, equivalent NEMA 4 with 3 x1/2" conduit openings
Sensor Probe Probe - 316 stainless steel (standard); other materials available
Wetted Metal Parts All others - 303 stainless steel minimum grade
Probe Length 3, 6, 12, 18, 30, 36 inch (7.6, 15.2, 30.5, 45.7, 76.2, 91.4 cm) standard, (specify to reach approximately mid-duct or further)
Installation Weld the supplied fitting into pipe/duct, insert sensor
Remote Sensor Cable Special coaxial cable; temp. range: -60° - 400°F (-50° - 200°C)
 Maximum distance: contact factory
Wiring Connections 3/4 inch NPT female conduit fitting
Pipe/Duct Connections 1/2 inch NPT male fitting or 1" quick release ferrule
Options Wire rope sensors; In-line ring sensors; Venturi (fugitive) dust sensors

Quotation Date _____ Number of Units _____
 Unit Price \$ _____ Total \$ _____
 Est. Delivery _____ week(s)
 ARO (Quote valid 30 days; FOB Danvers, MA.)