



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 #: **U3400** - - - - - - - -

ELECTRONICS

E1 Power _____
1. 12 to 32 VDC (at the unit)

E2 Output _____
1. Isolated 4-20 mA
2. Add - Prevent Dual Alarm System
3. Add - Tribotrak Leak Locator System

SENSOR

Base - System Style
I. Integral Sensor
R. Remote Sensor (Cable Required)

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. ½" (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 additional 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

_____ Electronics Base

_____ E1 Power

_____ E2 Output

_____ Sensor Base

_____ S1 Probe Material

_____ S2 Insulation

_____ S3 Length

_____ S4 Mounting

_____ Cable

_____ Connectors

_____ Extras

\$ _____ 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 Cast aluminum, electrostatically applied powder coating, equivalent NEMA 4

Power 12 - 32 VDC (Two-wire, loop powered)

Power Required < 1 watt

Operating Temperature -40° - 185° F (-40° - 85° C)

Hazardous Rating Designed intrinsically safe

Sensitivity Typical .0005gr/dscf (1mg/m³) concentration detectable

Approvals CSA Class: 2252 85, 2252 05

SENSOR

Remote Sensor Enclosure NEMA 4X

Wetted Metal Parts Probe - 316 Stainless Steel
All others - 303 Stainless Steel minimum grade

Insulation Extended high performance to prevent conductive bridging. Consult factory or your local representative for correct sensor

Probe Length Specify to reach approximately mid-duct or farther

Installation Weld the fitting into the pipe or duct and insert sensor

Remote Sensor Cable Coaxial Cable (for remote sensor only):
Temperature range: -60° - 400° F (-50° - 200° C)
Maximum distance: contact factory

Wiring Connections ¾ inch NPT Female Conduit Fitting

Pipe/Duct Connections ½ inch NPT Male Fitting or Quick Release Fitting

PRE-VENT DUAL ALARM SYSTEM (optional)

Enclosure NEMA 4X with window

Power 105 to 130 VAC or 210 - 260 VAC

Outputs (2) Relay contacts SPDT 5 amp @ 28 VDC or 250 VAC
100VA (4) LED indicators, 0 - 100% bar graph

Adjustments Signal smoothing (0 - 25 sec.); (2) alarm set points (0 - 100%); (2) alarm time delays (0 sec. - 10 min.)

TRIBOTRAC LEAK LOCATOR SYSTEM (optional)

Enclosure NEMA 4X with window

Power 105 to 130 VAC or 210 to 260 VAC

Outputs Tracks up to 16 cleaning zones
(2) Relay contacts SPDT 5 amp @ 28 VDC or 250 VAC
100VA (4) LED indicators, 0-100% bar graph

Adjustments Signal smoothing (0 to 25 sec.); (2) alarm set points (0 to 100%); (2) alarm time delays (0 sec. to 10 min.)

Quotation Date _____ Number of Units _____

Unit Price \$ _____ Total \$ _____

Est. Delivery _____ week(s) ARO (Quote valid 30 days; FOB Danvers, MA.)

