



TRIBO.series

TRIBO.dsp U3600™

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 #: **U3600** - - - - - -

ELECTRONICS

E1 Power

- 1. 85 to 260 VAC (120V or 240V)
- 2. 18 to 32 VDC (24V)
- 3. 12 VDC optional

E2 Output

- 1. Standard
 - (2) SPDT Relays
 - Isolated 4-20 mA
- 2. Add Digital Output
 - Industrial Ethernet/IP, Modbus TCP

S1 Probe Material

- 1. 316 Stainless Steel
- 2. Carbide
- 3. Inconel
- 4. Hastelloy
- 9. Special

S2 Insulator Material

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

S3 Probe Insertion Length*

- 1. ½" (1.3cm)
- 2. 3" (7.6cm)
- 3. 6" (15.2cm)
- 4. 12" (30.5cm)
- 5. 18" (45.7cm)
- 6. 30" (76.2cm)
- 7. 36" (91.4cm)
- 9. Special -specify length

* Probe length should reach approximately mid-duct; for large ducts (>72"). Contact Auburn for additional options.

S4 Sensor Mounting

- F. Flanged
- N. 1/2" Male NPT
- Q. Quick Release
- S. Special
- T. Threaded 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

_____ 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 NEMA 4X

Power 85 - 260 VAC (120V or 240V)
18 - 32 VDC (24V)
12 VDC optional

Power Required 5 watts maximum load

Operating Temperature -22 - 185° F (-30° - 85° C)

Humidity Range 0 - 95% non-condensing

Hazardous Rating Designed intrinsically safe

Dynamic Range 1 pA - 10,000,000 pA - Standard

0.1 pA - 1,000,000 pA - Optional

1 pA Standard / 0.1 pA Optional

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

Output 2 SPDT Relay (5 amp @ 28 VDC or 250 VAC 100VA)

High / low alarm set points w/ time delays (0 - 999 sec.)

Isolated 4-20mA compatible w/loop or self-powered network

Industrial Ethernet/IP and Modbus TCP optional

Display 3" x 3" 4-color LCD, 8 decade log or 0 - 100% analog

gauge, 6-digit display, dual alarm indicators

SENSOR

Remote Sensor Enc. Cast aluminum, electrostatically applied powder coating, equivalent NEMA 4 with 3 x 1/2" 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.)

auburn™ SYSTEMS



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