



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

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

E2 Output

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

S1 Probe Material

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

S2 Insulator Material

- Teflon (TFE):
-40° to 300° F (-40° to 150° C); up to 30 psi
- Ceramic (High Temperature or Pressure):
-40° to 1000° F (-40° to 540° C); up to 2000 psi
- Teflon (TFE) with Air Purge:
-40° to 300° F (-40° to 150° C); up to 30 psi
- Ceramic with Air Purge
- Extended High Performance (PFA): **Standard**
-40° to 475° F (-40° to 240° C); up to 30 psi
- Extended High Performance (PFA) w/Air Purge
- 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 -specify length |

* 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

_____ 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 to 260 VAC (120V or 240V)
18 to 32 VDC (24V)
12 VDC optional
Power Required 5 watts maximum load
Operating Temperature 22 to 185° F (-30° to 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
Resolution/Precision 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"x3" 4-color LCD, 8 decade log or 0~100% analog gauge, 6-digit display, dual alarm indicators

SENSOR

Remote Sensor Encl/ Wetted Metal Parts NEMA 4X
Probe - 316 Stainless Steel
All others - 303 Stainless Steel minimum grade
Probes come standard with Extended High Performance (PFA), -40° to 450° F (-40° to 235° C)
Insulation Specify to reach approximately mid-duct or farther
Probe Length Weld the fitting into the pipe or duct and insert sensor
Installation Special coaxial cable
Remote Sensor Cable Temperature range: -60° to 400° F (-50° to 200° C)
Maximum distance: contact factory
Wiring Connections ¾ inch NPT female conduit fitting
Pipe/Duct Connections ½ inch NPT half-coupling or QR ferrule for welding
Threaded QR ferrule (1/2", 3/4", or 1" NPT)

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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