TRIBO.Series

TRIBO.*dsp* U3300™

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 #: U3300 - ❑❑-❑-❑❑❑❑

ELECTRONICS — Electronics Base

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

E2 Output — E2 Output
1. RS-485/MODBUS-RTU

SENSOR — Sensor Base

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

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

S2 Insulator Material — S2 Insulation
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° - 450° F (-40° - 232° C); up to 30 psi
6. Extended High Performance (PFA) with Air Purge
9. Special

S3 Probe Insertion Length* — S3 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

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

S4 Sensor Mounting — S4 Mounting
F. Flanged
N. 1/2" Male NPT
Q. Quick Release
S. Special
T. Threaded Quick Release
V. Ambient Fugitive Dust

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

Cable Terminals — Connectors
Factory Installed _____@ $_____/set
or Field Kit _____@ $_____/set

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

$_____ **Total**

Quotation Date _____ Number of Units _____

Unit Price $_____ Total $ _____

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

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

Electronic Enclosure	Cast aluminum, electrostatically applied powder coating, equivalent NEMA 4X
Power	12-32 VDC
Power Consumption	0.5 Watt
Operating Temperature	-40° - 185° F (-40° - 85° C)
Humidity Range	0 - 95% relative; non-condensing
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	Concentrations as low as .005mg/m^3 have been detected
Output	RS-485 / MODBUS-RTU
Approvals	CE Approved

SENSOR

Remote Sensor Enclosure	Cast aluminum, electrostatically applied powder coating, equivalent NEMA 4X
Sensor Probe	Probe - 316 stainless steel (standard); other materials available
Wetted Metal Parts	All others - 303 stainless steel minimum grade
Insulation	Extended High Performance (PFA)- standard, -40° - 450° F (-40° - 232°C) Ceramic (High Temperature or Pressure) -40° - 1000°F (-40° - 540°C)
Probe Insertion Length	Standard probe lengths: 3, 6, 12, 18, 30, 36 inch (7.6, 15.2, 30.5, 45.7, 76.2, 91.4 cm) (specify to reach approximately mid-duct or further)
Installation	Weld the supplied fitting into the pipe or duct and insert sensor
Remote Sensor Cable	Special coaxial cable; 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 1" quick release ferrule (other options available)
Options	Wire Rope Sensor; In-Line Ring Sensor; Ambient Fugitive Dust Sensor

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