

DATA ACQUISITION SYSTEM

ST300 DatAQ

PORTABLE System (MTS)					
ITEM	PART No.	Name	Description	Qty	COST
Component Hardware Pricing (ST300-MTS)					
1	MOD4	Data acquisition module	4 ch data module	1	Please call for current pricing and availability
2	CNB4	Connector board	4 ch connector board	1	
3	CON	Connector terminal	4, 6 or 8 pin connector	1	
4	CRB	Carrier board	16 ch main board	1	
5	DAB	Data acquisition board	16 ch A/D board	1	
6	USB E	Universal serial bus extender	Hub & extender	1	
7	PB	Enclosure	Portable carrying case	1	
			- Aluminum design		
			- Water-resistant seal		
			- 13 x 18 x 6 (L x W x H) inch		

ORDERING INFORMATION

ST300- X / X- X

ENCLOSURE STYLE
MTS= Portable

CHANNELS
4= 4ch
8= 8
16= 16
24= 24
32= 32

USB Option
Blank= No USB
U= USB option

EXAMPLE ORDER: ST300-MTS/16-U

16 channel portable system consists of the following hardware components:
MOD4 (x4), CNB4 (x4), CON (x24), CRB (x1), DAB (x1), USB E (x1), PB (x1)

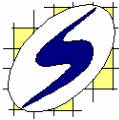
CONNECTOR LAYOUT

STANDARD CONNECTOR LAYOUT

Channel	Pin(s)	Compatibility
1-32	6	Single & biaxial accelerometers & voltage inputs
P1- P8	4	Triaxial PZT accelerometer
A1-A8	8	Triaxial or Quad axis CAP accelerometer

NOTE: Each 4 channel data module (MOD4) is capable of monitoring (either/or):

- 4 single axis accelerometers
- 2 biaxial accelerometers
- 4 voltage inputs
- 1 triaxial PZT accelerometer
- 1 triaxial CAP accelerometer



STATIONARY Design (FB)					
ITEM	PART No.	Name	Description	Qty	COST
Component Hardware Pricing (ST300-FB)					
1	MOD4	Data acquisition module	4 ch data module	1	Please call for current pricing and availability
2	CNB4	Connector board	4 ch connector board	1	
3	CON	Connector terminal	4, 6 or 8 pin connector	1	
4	CRB	Carrier board	16 ch main board	1	
5	DAB	Data acquisition board	16 ch A/D board	1	
6	USB	Universal serial bus	Hub & extender	1	
7	FB	Enclosure	Field Junction box	1	
			- NEMA 4X design		
			- Custom sizes		

ORDERING INFORMATION

ST300- X X / X- X

ENCLOSURE STYLE

FB= Field Junction Box

CONNECTOR LAYOUT

S= Screw connectors
T= Terminal connectors

USB Option

Blank= No USB

U= USB option

CHANNELS

4= 4ch
8= 8
16= 16
24= 24
32= 32

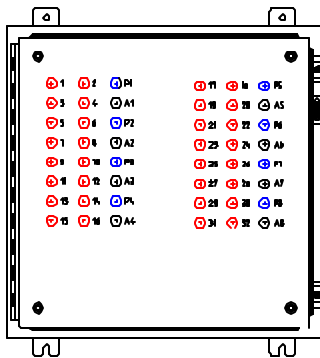
EXAMPLE ORDER: ST300-FBS/32-U

32 channel stationary system with screw connectors consists of the following hardware components:

MOD4 (x8), CNB4 (x8), CON (x48), CRB (x2), DA B (x2), USBE (x1), FB (x1)

CONNECTOR LAYOUT

Screw Connector Mounting



Screw connector design:

Sensor cables plug into the cable connectors mounted directly on the front of the cabinet door.

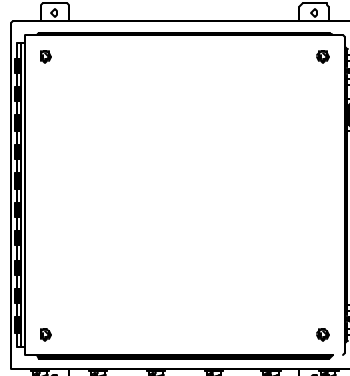
Enclosure size (L x W x D):
13 x 18 x 6in

Channel	Pin(s)	Compatibility
1-32	6	Single & biaxial accelerometers & voltage
P1-P8	4	Triaxial PZT accelerometer
A1-A8	8	Triaxial or Quad axis CAP accelerometer

NOTE: Each 4 channel data module (MOD4) is capable of monitoring (either/or):

- 4 single axis accelerometers
- 2 biaxial accelerometers
- 4 voltage inputs
- 1 triaxial PZT accelerometer
- 1 triaxial CAP accelerometer

Terminal Connector Mounting



Terminal connector design:

Sensor cables plug into the bottom mounted cable connectors. The connectors are hardwired into terminal connectors on the data modules mounted inside the cabinet.

Enclosure size (L x W x D):
24 x 24 x 8in

Channel	Pin(s)	Compatibility
1-32	4, 6 or 8	Configured per customer specifications

NOTE: Each 4 channel data module (MOD4) is capable of monitoring (either/or):

- 4 single axis accelerometers
- 2 biaxial accelerometers
- 4 voltage inputs
- 1 triaxial PZT accelerometer
- 1 triaxial CAP accelerometer