

battery operated  
**POWER UNITS**



Model Number	4102C	4103C	4105C
Number of Channels	1	3	1
Size (H x W x D) (Inches)	2.8 x 4 x 4	3.3 x 5.2 x 3.4	2.8 x 4 x 4
Electrical Connectors (Input and Output)	BNC Jack	BNC Jack	BNC Jack
Power Source	9V Batteries (2 Each)	9V Batteries (2 Each)	9V Batteries (2 Each)
Gain	Unity	Unity	x1, x10, x100

line operated  
**POWER UNITS**



Model Number	4110C	4112B	4113	4114B1	4115B
Number of Channels	1	1	3	4	1
Size (H x W x D) (Inches)	5.5 x 1.6 x 8.0	5.5 x 1.6 x 8.0	5.5 x 1.6 x 8.0	5.5 x 1.6 x 8.0	5.5 x 1.6 x 8.0
Electrical Connectors (Input and Output)	BNC Jack	BNC Jack	Input: 4-pin Output: (3) BNC's	BNC Jack	BNC Jack
Power Source	50-60 Hz, Line	50-60 Hz, Line	50-60 Hz, Line	50-60 Hz, Line	50-60 Hz, Line
Gain	Unity	x1, x10, x100	Unity	Unity	Unity

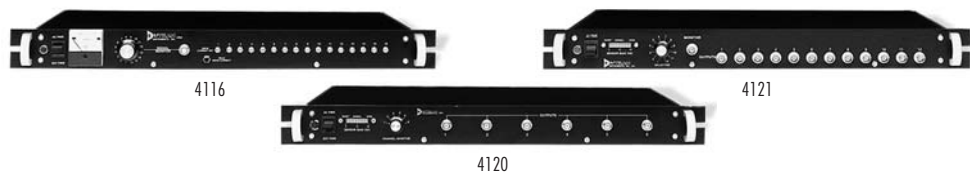
miniature in-line  
**CHARGE AMPLIFIERS**



Model Number	4705A1	4705A2	4705A3	4705A4	4751B1	4751B2	4751B3	4751B4
Size (H x W x D) (Inches)	3.15 Long x .50 Dia				2.0 Long x .50 Dia			
Electrical Connectors (Input and Output)	BNC Jack Both Ends				10-32 Coaxial Jack Both Ends			
Sensitivity (mV/pC) NOM	50	10	1	0.1	50	10	1	0.1
Range For +/-5V Out (pC)	100	500	5,000	50,000	100	500	5,000	50,000

Note: 4705A Series contain low pass filter (-3dB @ 2kHz). Filter and connector options available.

rack mounted multi-channel  
**POWER UNITS**



Model Number	4116	4120	4121
Number of Channels	16	6	12
Size (H x W x D) (Inches)	1.75 x 19.0 x 12.5	1.75 x 19.0 x 12.5	1.75 x 19.0 x 12.5
Electrical Connectors (Input and Output)	BNC Jack	BNC Jack	BNC Jack
Power Source	115V/220V 50-60 Hz Line or External 24VDC	115V/220V 50-60 Hz Line or External 24VDC	115V/220V 50-60 Hz Line or External 24VDC
Gain	Unity	Unity	Unity

rack mounted multi-channel  
**POWER UNITS**



Model Number	4122B	4123B	4129	4130
Number of Channels	6	12	6	12
Size (H x W x D) (Inches)	1.75 x 19.0 x 12.5	1.75 x 19.0 x 12.5	1.75 x 19.0 x 12.5	1.75 x 19.0 x 12.5
Electrical Connectors (Input and Output)	BNC Jack	BNC Jack	BNC Jack	BNC Jack
Power Source	115V/220V 50-60 Hz	115V/220V 50-60 Hz	115V/220V 50-60 HZ	115V/220V 50-60 HZ
Gain	x1, x10, x100	x1, x10, x100	True RMS to DC Converter	True RMS to DC Converter

IEEE 1451.4 compatible  
**TEDS ADAPTER**

The Dytran 4025A TEDS (Transducer Electronic Data Sheet) adapter is IEEE 1451.4 compliant and designed for interfacing a standard voltage mode, piezoelectric type (IEPE) sensor to a TEDS compatible signal conditioning unit. The 4025A is connected in series with the non-TEDS compatible sensor and a TEDS compatible signal conditioning unit.

The utility of the 4025A is that it allows the user to adapt non-TEDS, IEPE type sensors that may already be in use, into the TEDS environment. The 4025A can be used with any IEPE type device. Contact the factory for application support concerning the proper use of the 4025A TEDS adapter.

