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Find the *Data Sciences International / LDS / Gould ACQ-7700* at our website: ***Click HERE***

ACQ-7700USB Acquisition Interface



Features

- **Expandable up to 128 channels**
- **6 slots (model PNM-P3P-7002) and 13 slots (model PNM-P3P-7002 XE) to accommodate various signal conditioner configurations**
- **Small size allows it to be utilized in labs where space is a premium**
- **Industry standard USB 2.0 communication port**
- **Family of 7700 series signal conditioners tailored for physiological applications**

The ACQ-7700 is designed specifically to interface to the Ponemah Physiology Platform. The modular design allows the user to easily expand the number of available acquisition channels to a maximum of 128, through the installation of 7700 series signal conditioner modules. The 7700 series signal conditioners are designed to take in various physiological signals, such as bio-potentials, blood pressures, pulmonary flows, temperatures and even high-level inputs from other sensors. Its flexible channel count makes it a good choice for interfacing to various signals, when the required number of channels is undetermined, or exceeds 16 channels. The portable, rugged chassis is perfect for interfacing to a laptop, allowing for system mobility.

Technical Data Sheet

Model PNM-P3P-7002, PNM-P3P-7002 XE
ACQ-7700USB Acquisition Interface

SPECIFICATIONS

Input/Output Specifications

Outputs	3TTL level I/O lines
Inputs	1TTL level I/O line
Max # Channels	Modular, up to 128
Max Aggregate Rate*	1M samples/second signal
condi	ioner dependant

*NOTE: The aggregate sampling rate may be affected by the host computer's performance and the complexity of the real-time analysis being performed.

Physical Specifications (6 slot)

Size	17.15 x 26.65 x 43.18 cm
Weight	5.5 kg (12 lbs)
Power	90-264 Vac, 200 W max

Physical Specifications (13 slot)

Size	22.86 x 44.45 x 36.83 cm
Weight	12.2 kg (27 lbs)
Power	90-264 Vac, 200 W max

General

Operating Temperatures	0 – 40 degrees C
Humidity	20% to 80% Relative Humidity
Safety	CE mark, EN61010-1, UL 3111-1
RFI/EMI	CE mark, EN55011/CISPR11 Class A, FCC Part 15 Class A

ORDERING INFORMATION

Part Number
PNM-P3P-7002
PNM-P3P-7002 XE

Note: above systems require 7700 Signal Conditioners. Please reference signal condition bulletins for more details.

Description	Bulletin number
Universal Signal Conditioner	446-67
Advanced Basic 32 Signal Conditioner	446-69
Advanced Basic 4 Signal Conditioner	446-75
Carrier Signal Conditioner	446-79
Math Module	446-80
Isolated Defibrillation Protected ECG Probe	446-83
Digital to Analog Output Module (D/A module)	446-89
12 Channel Isolated BIO-POD	446-96
Universal XE Signal Conditioner	446-97
Digital Communication Module (DCOM)	446-99

Specifications are current at publication.
Due to DSI's continuing product improvement program, specifications may change without notice.

DSI products are not intended for the purposes of diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease, or used as a life support device. Use of DSI products are solely for the purposes of conducting life science research.

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