

核电子学插件



北京泰坤工业提供各种参数，性能优秀的美国 ORTEC 公司的核电子学插件。

仪器主要包括：

前置放大器、放大器、时间校准、单道脉冲分析器、计数/计时器和率表、延迟发生器、逻辑模块和线性门、快速时间鉴别器、CAMAC ADC、高压偏置/NIM 电源及机箱、NIM MCA/MCB、非 NIM MCA/MCB、MCS/多倍数停止时间谱、脉冲发生器等。

Preamplifiers(前置放大器)	
Model No.	Description
VT120A	Fast-Timing Preamplifier (200 gain, non-inverting)
VT120B	Fast-Timing Preamplifier (200 gain, inverting)
VT120C	Fast-Timing Preamplifier (20 gain, non-inverting)
C-VT120	Power Cable Assembly for VT120A/B/C (3-m length)
113	Scintillation Preamplifier
142A	Preamplifier
142B	Preamplifier
142C	Preamplifier
142AH	Preamplifier

142IH	Preamplifier
142PC	Preamplifier
9301	Fast Preamplifier
9305	Fast Preamplifier
9306	1-GHz Preamplifier
9326	Fast Preamplifier with 3-m DC power cable

PL Subsection Name Amplifiers (放大器)	
Model No.	Description
FTA820A	Octal Fast-Timing Amplifier (200 gain, non-inverting)
427A	Delay Amplifier
460	Delay Line Amplifier (with standard 1- μ s delay lines)
474	Timing Filter Amplifier
533	Dual Sum and Invert Amplifier
570	Spectroscopy Amplifier
572A	Spectroscopy Amplifier
575A	Spectroscopy Amplifier
579	Fast-Filter Amplifier
590A	Amplifier and Timing SCA
671	Spectroscopy Amplifier
672	Spectroscopy Amplifier (with AUTO-PZ)

673	Spectroscopy Amplifier and Gated Integrator
855	Dual Spectroscopy Amplifier
863	Quad Timing Filter Amplifier
9302	Amplifier and Discriminator
9327	1-GHz Amplifier and Timing Discriminator

Counters, Timers, and Ratemeters (计数器 , 计时器和记数率计)	
Model No.	Description
449	Log/Lin Ratemeter
449-2	Log/Lin Ratemeter with audible output option
661	Ratemeter
871	Timer and Counter (non-printing)
974	CCNIM Quad 100-MHz Counter/Timer
994	CCNIM Dual Counter and Timer (requires interface option for computer operation)
995	CCNIM Dual Counter (requires interface option for computer operation)
996	CCNIM Timer and Counter (requires interface option for computer operation)
99X-1	994, 995, and 996 Options - RS-232-C Interface Option (requires C-75 Cable)

99X-2	994, 995, and 996 Options - IEEE-488 Interface Option (requires C-488-2 or C-488-4 Cable)
99X-4	994 and 995 Options - Internal +6 V Supply Option
9349	Log/Lin Ratemeter

Delays, Gate and Delay Generators, Logic Modules, and Linear Gates (时间延迟 , 门式延迟发生器 , 逻辑模块和线性门)	
Model No.	Description
CO4020	Quad 4-Input Logic Unit (requires 6 V)
DB463	Delay Box
GG8020	Octal Gate and Delay Generator (requires 6 V)
414A	Fast Coincidence
416A	Gate and Delay Generator
418A	Universal Coincidence
425A	Nanosecond Delay
426	Linear Gate
542	Linear Gate and Stretcher

Fast-Timing Discriminators (快时间鉴别器)	
Model No.	Description
CF8000	Octal Constant-Fraction Discriminator

CFD-DELAY-5NS	Delay Plug-in (CF8000 Options)
CFD-DELAY-10NS	Delay Plug-in
CFD-DELAY-30NS	Delay Plug-in
CFD-DELAY-50NS	Delay Plug-in
583B	Constant-Fraction Differential Discriminator/SCA (requires 6 V)
584	Constant-Fraction Discriminator
935	Quad 200-MHz Constant-Fraction Discriminator (requires 6 V)
9302	Amplifier and Discriminator
9307	pico-TIMING Discriminator (requires 6 V)

HV Bias/NIM Power Supplies and Bins (高压偏置/NIM 电源及机箱)	
Model No.	Description
428	Detector Bias Supply
495	Power Supply (6 V)
556	High-Voltage Power Supply (3 kV)
556H	High-Voltage Power Supply (3 kV)
659	5-kV Detector Bias Supply
660	Dual 5-kV Detector Bias Supply
710	Quad 1-kV Bias Supply
4001A	NIM Bin
4001A/4002A	NIM Bin and 96-W Power Supply (with ± 12 V, ± 24 V)

4001A/4002D	NIM Bin and 160-W Power Supply (with ± 6 V, ± 12 V, ± 24 V)
4001C	NIM Bin (with copper bus bars)
4001C/4002D	NIM Bin (with copper bus bars) and 160-W Power Supply (with ± 6 V, ± 12 V, ± 24 V)
4001C/4002E	NIM Bin (with copper bus bars) and BLACK MAX PS (with ± 6 V, ± 12 V, ± 24 V)
4002A	96-W Power Supply for NIM Bin (with ± 12 V, ± 24 V)
4002D	160-W Power Supply for NIM Bin (with ± 6 V, ± 12 V, ± 24 V)
4002E	BLACK MAX Power Supply for NIM Bin (with ± 6 V, ± 12 V, ± 24 V)
4002P	Portable Power Supply (with ± 12 V, ± 24 V)
4002P-C1	Preamp Power Fan-Out Cable (for 4002P)
4003	Preamplifier Power Output
4006	Mini Bin and Power Supply

NIM MCA/MCB , PCI Card MCA (NIM MCA/MCB,PCI 𠄎 MCA)	
Model No.	Description
919E	EtherNIM 4-Input Multichannel Buffer
919-OPT1	Pigtail Cable
920E	EtherNIM 16-Input Multichannel Buffer
920-16-OPT1	Pigtail Cable
921E	EtherNIM High-Rate Multichannel Buffer

926	8k ADCAM Multichannel Buffer
926-M32	8k ADCAM Multichannel Buffer with MAESTRO-32 Software
926-USB	8k ADCAM Multichannel Buffer with USB Interface
926-M32-USB	8k ADCAM Multichannel Buffer with USB Interface and MAESTRO-32 Software
926-C-2	Interface and Cable for NIM MCB - Printer Port Cable, male to female, 25 pin conductor; 2-ft length
926-C-10	Interface and Cable for NIM MCB - Printer Port Cable, male to female, 25 pin conductor; 10-ft length
ASPEC-927	Dual 16k Multichannel Buffer with MAESTRO-32 Software and 10-ft. USB Cable
DPM-USB	Dual-Port Memory to USB Interface Converter, 15-ft. Cable
918-OPTC5	Dual-Port Memory Cable, 5-ft shielded ribbon cable
C-DPM-10	Dual-Port Memory Cable, 10-ft shielded ribbon cable
918A-OPTB	PC-Bus Interface
TRUMP-PCI-2K	2k MCA PCI Plug-In Card with MAESTRO-32 Software
TRUMP-PCI-8K	8k MCA PCI Plug-In Card with MAESTRO-32 Software

CAMAC ADCs and Memory	
Model No.	Description
AD114	CAMAC 16k ADC
AD413A	CAMAC Quad 8k ADC
CMC203	CAMAC FERA Driver, Memory, and Histogrammer

HM413	CAMAC FERAbus Histogramming Memory
C-ECLBUS	Cable Kit for FERAbus readout with Models AD114, AD413A, CMC203, and HM413

Multichannel Scalers and/or Multiple-Stop Time Spectrometers (多道定标器, 多路停止时间发生器)	
Model No.	Description
MCS-PCI	Multichannel Scaler with A73-B32 software, documentation, and FullShot software
MCS-PCI-OPT2	Fan-Out Cable for MCS-PCI
9353	100-ps Time Digitizer/MCS with 9353-B32 software
9353-FANOUT	Fan-out Cable for the 9353 9-pin D Connector

Pulse Generators (脉冲发生器)	
Model No.	Description
419	Precision Pulse Generator
480	Pulser

Special Instruments (特殊仪器)	
Model No.	Description
439	Digital Current Integrator

Single-Channel Pulse-Height Analyzers (单道脉冲高度分析仪)	
Model No.	Description
550A	Single-Channel Analyzer
551	Timing Single-Channel Analyzer
552	Pulse-Shape Analyzer/Timing SCA
850	Quad Single-Channel Analyzer (requires 6 V)

Time-to-Amplitude Converters and Time Calibrator (时幅转换器和时间校准器)	
Model No.	Description
462	Time Calibrator
566	Time-to-Amplitude Converter
567	Time-to-Amplitude Converter/SCA



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