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Data Sheet
August 13, 2026

PHYSIK INSTRUMENTE

PHYSIK INSTRUMENTE HIGH VOLTAGE 3 CHANNEL POWER SUPPLY P-263 MICRO POSITIONING

Instrument Type: Piezo High Voltage Amplifier Alias: P-263; PI P-263; Physik Instrumente P263 Function: high-voltage drive for piezoelectric actuators Load: capacitive PZT stacks (PI translators) Alias: P-263; PI P-263; Physik Instrumente P263 Function: high-voltage drive for piezoelectric actuators Load: capacitive PZT stacks (PI translators) Output Voltage: nameplate / P-263 manual (vintage PI HV amps are commonly 0-1000 V class; confirm)

MODEL **Physik Instrumente P-263**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **P-263**	LISTING **https://aumictechlabs.com/products/p-263-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Physik Instrumente P-263 is a 3-channel high-voltage power supply engineered for precision micro-positioning systems. It delivers independent control across three output channels, enabling multi-axis piezoelectric actuator operation in XY and XYZ positioning configurations. The unit accepts 120V input and generates high-voltage outputs suitable for dynamic positioning, vibration damping, and force generation tasks.Built to EN 61010-1 safety and EN 61326-1 EMC standards, the P-263 integrates directly with PI piezo stages for closed-loop or open-loop micro-positioning applications requiring synchronized multi-axis control.Technical Specifications Channels: 3 independent high-voltage output channels Input Voltage: 120V Output Type: High-voltage DC for

piezoelectric actuators Safety & EMC: EN 61010-1, EN 61326-1 complianceKey Features Three independently controlled output channels for multi-axis systems Direct compatibility with Physik Instrumente P281 and P282 piezo stages Dedicated high-voltage architecture for piezoelectric device operation System-level integration for safety-critical positioning environmentsTypical Applications XY and XYZ micro-positioning systems Piezoelectric actuator control Dynamic load positioning Precision vibration damping Fine-force generation in laboratory and industrial settingsCompatibility & Integration The P-263 interfaces with Physik Instrumente piezo stages and positioning systems. Control of the three output channels integrates with PI control architectures and the PI Software Suite for automated multi-axis coordination. The unit is designed as a subsystem component within larger measurement and positioning platforms subject to laboratory and industrial safety regulations.

Features & description

From manufacturer datasheet

Features

- Physik Instrumente HV piezo amplifier family member P-263

P263 Characteristics / Specifications

PARAMETER	VALUE
Model	P-263
Manufacturer	Physik Instrumente (PI)
Instrument Type	Piezo High Voltage Amplifier
Series	PI P-260 class HV amplifiers
Alias	P-263; PI P-263; Physik Instrumente P263
Function	high-voltage drive for piezoelectric actuators
Load	capacitive PZT stacks (PI translators)
Output Voltage	nameplate / P-263 manual (vintage PI HV amps are commonly 0-1000 V class; confirm)
Output Current	nameplate (peak vs continuous)
Bandwidth	load-capacitance dependent; see P-263 sheet
Input	analog control voltage class PI amplifiers (often 0-10 V programs HV)
Polarity	unipolar HV class unless the sheet lists bipolar
Protection	short-circuit / overload class PI HV
Form	benchtop or rack PI amplifier module
NotAStage	P-5xx/P-6xx are mechanics; P-263 is electronics
Matching	piezo stack voltage must not exceed the amplifier and actuator ratings
Cables	PI HV coaxial piezo cables; do not use ordinary BNC for 1000 V class
Grounding	HV return per PI safety instructions
Documentation	PI P-263 / P-260 amplifier operating manual
Status	vintage PI electronics; E-5xx/E-6xx are later amplifier families
Successor Path	PI E-508 / E-610 / E-617 class amplifiers depending on voltage
Identity Rule	do not copy E-505 100 V low-voltage ratings onto P-263 without the sheet
Duty	continuous piezo excitation within dissipation
Safety	high voltage; interlock and discharge per PI manual Notes PI P-263 isaHV piezo amplifier identity. Peak voltage/current were not taken

PARAMETER	VALUE
	fromacomplete OEM table in this pass; do not invent 1000 V. Confirm the faceplate and PI manual.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: **sales@aumictech.com** · +1 (484) 841-9341

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