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Data Sheet

August 15, 2026

KAISER SYSTEMS

Kaiser Systems S1-1-2000

The Kaiser Systems S1-1-2000 is a high-voltage power supply designed for various applications. It offers reliable performance and precise control. Suitable for demanding tasks requiring stable high-voltage output.



MODEL

Kaiser Systems S1-1-2000

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

S1-1-2000

LISTING

<https://aumictechlabs.com/products/s1-1-2000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kaiser Systems S1-1-2000 is a high-voltage DC power supply engineered for applications requiring stable and precise 1000 VDC output. This unit converts 200 VAC, 50/60 Hz input to regulated positive-polarity DC high voltage, delivering 1 A at the output. It works with demanding technical environments including laboratory testing, research and development, and industrial processes that necessitate reliable high-voltage generation. Technical Specifications Manufacturer: Kaiser Systems Inc KSI Model: S1-1-1000 Part Numbers: 1100891, AMAT 0150-20091, 129495, 129511 Input Voltage: 200 VAC Input Frequency: 50/60 Hz Output Voltage: 1000 VDC (Positive Polarity) Output Current: 1 A Output Type: Regulated DC Key Features Positive-polarity regulated DC output for precise voltage control Standard industrial power grid compatibility via 200 VAC input Designed for sensitive electronic component testing and calibration Heavy-duty construction suitable for technical laboratory and manufacturing environments Typical Applications Semiconductor manufacturing equipment (indicated by AMAT

affiliation) Laboratory high-voltage testing and characterization Research and development requiring stable 1000 V DC sources Electronic component calibration and validation Integration into larger test systems requiring high-voltage power Compatibility & Integration Often associated with Applied Materials (AMAT) equipment, this supply integrates into larger systems requiring a stable 1000 V DC source. It is commonly available as used equipment; operational status verification is recommended for used units.

S112000 Characteristics / Specifications

PARAMETER	VALUE
Model	S1-1-2000
Instrument Type	High-voltage DC power supply
Family	Kaiser Systems S1
Sibling Anchor	S1-1-1000 verified 1000 V 1 A positive DC
Manufacturer	Kaiser Systems (KSI)
Literature	Kaiser Systems S1-family HV listings (S1-1-2000)
System Role	process high-voltage DC
Use Case	ion implant and similar HV racks
Form Factor	S1 family rack high-voltage brick
Input Class	200 VAC 50/60 Hz class process input (S1 family listings)
Control Class	analog program / interlock class HV supply
Application Class	semiconductor process HV
Cooling Class	rack forced-air class HV brick
Connector Class	HV output plus AC mains and interlock
Documentation Type	KSI S1-1-2000 family listing
Brand Lineage	Kaiser Systems / AMAT process power
Related	S1-1-1000, S1-2-1000, Series 5000
Polarity Class	DC HV brick (faceplate polarity)
Year Class	S1-1-2000
Ate Class	process power
Module Class	S1 HV supply
Host Class	implant rack
Register Class	analog programmed HV

S112000 Specifications

PARAMETER	VALUE
Applications	Kaiser S1-family process high-voltage DC in ion-implant and similar racks.
Key Features	Kaiser Systems S1-family HV DC brick
Analog program / interlock class interface	200 VAC 50/60 Hz class process input family
Technical Specifications	Model: S1-1-2000

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	
From Kaiser Systems S1-family listings. Only S1-1-1000 has a verified 1000 V / 1 A public rating in this batch; do not invent S1-1-2000 volts or amps.	

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

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.