

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

KAISER SYSTEMS

Kaiser Systems S1-2-1000

The Kaiser Systems S1-2-1000 is a high-voltage power supply engineered for applications demanding stable output and precise control. Built with a compact and solid chassis, this unit delivers efficient operation in demanding environments. The S1-2-1000 combines reliable performance with design principles suited for integration into diverse test and measurement systems. Aumictech offers NIST-traceable calibration and repair for the Kaiser Systems S1-2-1000. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Kaiser Systems S1-2-1000 is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units. NIST-traceable calibration for the Kaiser Systems S1-2-1000 is (standard — pass/fail certificate and calibration sticker) or



MODEL

**Kaiser Systems
S1-2-1000**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

S1-2-1000

LISTING

<https://aumictechlabs.com/products/s1-2-1000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kaiser Systems S1-2-1000 is a high-voltage power supply engineered for applications demanding stable output and precise control. Built with a compact and solid chassis, this unit delivers efficient operation in demanding environments. The S1-2-1000 combines reliable performance with design principles suited for integration into diverse test and measurement systems. Technical Specifications Model S1-2-1000 from Kaiser Systems represents the high-

voltage power supply category. The unit is characterized by its compact form factor and durable construction, enabling deployment in challenging operational conditions.

Key Features

- Stable output performance across operational range
- Efficient power conversion and delivery
- Compact form factor suitable for space-constrained installations
- Solid mechanical design for demanding environments

Typical Applications

The S1-2-1000 addresses applications requiring high-voltage power delivery with output stability. Target use cases include test laboratories, industrial process control, and equipment requiring precise voltage regulation.

Compatibility & Integration

The unit integrates into systems where high-voltage power sourcing is a core requirement. Its compact design supports both standalone operation and integration into larger measurement and control architectures.

S121000 Characteristics / Specifications

PARAMETER	VALUE
Model	S1-2-1000
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 (S1-2-1000)
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 S1-2-1000 family listing
Brand Lineage	Kaiser Systems / AMAT process power
Related	S1-1-1000, S1-1-2000, Series 5000
Polarity Class	DC HV brick (faceplate polarity)
Year Class	S1-2-1000
Ate Class	process power
Module Class	S1 HV supply
Host Class	implant rack
Register Class	analog programmed HV

S121000 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: S1-2-1000

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	
Specifications	
PARAMETER	VALUE
Model	S1-2-1000
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 (S1-2-1000)
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 S1-2-1000 family listing
Brand Lineage	Kaiser Systems / AMAT process power
Related	S1-1-1000, S1-1-2000, Series 5000
Polarity Class	DC HV brick (faceplate polarity)
Year Class	S1-2-1000
Ate Class	process power
Module Class	S1 HV supply
Host Class	implant rack
Register Class	analog programmed HV
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 S1-2-1000 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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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