



Aumictech

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

KAISER SYSTEMS

Kaiser Systems Series 5000

The Kaiser Systems Series 5000 is a ruggedized industrial computer designed for harsh environments. It features a high-performance processor, ample memory, and multiple I/O interfaces. Ideal for demanding applications such as process control, data acquisition, and machine vision.



MODEL

**Kaiser Systems
Series 5000**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

Series 5000

LISTING

<https://aumictechlabs.com/products/series-5000-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kaiser Systems Series 5000 is a ruggedized industrial computer engineered for operation in harsh environments. Built with durable construction, it delivers high performance and operational stability in demanding settings. The system combines multiple I/O interfaces with fault-tolerant design principles, making it suitable for deployments where equipment reliability directly impacts production continuity. Technical Specifications Product Line: Series 5000 Manufacturer: Kaiser Systems Inc (KSI) Condition: Available as used; units may exhibit cosmetic wear but remain fully operational I/O Interfaces: Multiple interfaces integrated; exact types and quantities available upon review Key Features Ruggedized construction rated for harsh industrial environments Durable mechanical design for extended field deployment Multiple integrated I/O interfaces for diverse connectivity requirements Operational stability across challenging environmental conditions Typical Applications Process control systems Data acquisition platforms Machine

vision integration Industrial automation environments requiring high reliability Compatibility & Integration System compatibility with external peripherals and third-party hardware should be verified during procurement. Contact Kaiser Systems Inc directly for interface specifications and integration guidance.

SERIES5000 Characteristics / Specifications

PARAMETER	VALUE
Model	Series 5000
Instrument Type	high voltage power supply
Manufacturer	Kaiser Systems
Literature	Kaiser Systems Series 5000 remaining-queue identity; Series 6000 WWX listing as sibling only
Family	Kaiser Systems HV supplies
Form Factor	high voltage power supply
System Role	high voltage power supply
Brand Lineage	Kaiser Systems
Queue Title	Kaiser Systems Series 5000
Documentation Type	OEM Series 5000 listing
Use Case	High-voltage DC for ion-implant, laser, and process loads that specify Kaiser Series 5000
Vendor Path	Kaiser Systems
Year Class	Series 5000 generation
Application Class	high voltage power supply
Module Class	high voltage power supply
Host Class	instrument host per drawing
Connector Class	connectors on the Series 5000 drawing
Ate Class	process HV
Control Class	Series 5000 front panel / firmware
Environment Class	ambient on the Series 5000 sheet
Mains Class	mains on the Series 5000 nameplate
Voltage Class	volts on the Series 5000 nameplate
Current Class	amperes on the Series 5000 nameplate
Space Model	Series 5000 (space in catalog model)

PARAMETER	VALUE
Sibling 6000 Voltage	Series 6000 documented 80.0 kV (not assigned as Series 5000 output)
Sibling 6000 Current	Series 6000 documented 120.0 mA (not assigned as Series 5000 output)
Sibling 6000 Mains	Series 6000 documented 208 V 35.0 A 50/60 Hz 3 phase
Sibling 6000 Size	Series 6000 documented 16.250 × 27.000 × 13.000 inch, 242 lb, water cooled
Polarity Class	polarity on the Series 5000 nameplate
Cooling Class	cooling on the Series 5000 nameplate

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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Literature	Kaiser Systems Series 5000 remaining-queue identity; Series 6000 WWX listing as sibling only
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Form Factor	high voltage power supply
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Brand Lineage	Kaiser Systems
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Mains Class	mains on the Series 5000 nameplate
Voltage Class	volts on the Series 5000 nameplate
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Sibling 6000 Voltage	Series 6000 documented 80.0 kV (not assigned as Series 5000 output)

PARAMETER	VALUE
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Cooling Class	cooling on the Series 5000 nameplate

Notes

From remaining-queue title (Kaiser Systems Series 5000) and documented Series 6000 sibling (80 kV / 120 mA) which is not copied onto this SKU. Series 5000 kV/mA/cooling are on the nameplate.

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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<https://aumictechlabs.com>

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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.