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Data Sheet

August 12, 2026

GOSSEN

Gossen Konstanter 14K16R2.5 DC Power Supply Unit 16V 2.5A

The Gossen Konstanter 14K16R2.5 is a regulated DC power supply unit delivering 16V at 2.5A with dual 4-place digital LED displays and comprehensive control options. This benchtop and rack-mount instrument combines manual voltage and current adjustment via rotary knobs with remote control capability, analog programming interfaces, and sequence memory for automated output control. Built-in protection circuits guard against overvoltage, overcurrent, and thermal stress, making it suitable for laboratory testing, industrial equipment characterization, and educational applications requiring stable, monitored DC power delivery. Aumictech offers NIST-traceable calibration and repair for the Gossen 14K16R2.5. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Gossen 14K16R2.5 is listed at . Ca



MODEL

Gossen 14K16R2.5

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

14K16R2.5

LISTING

<https://aumictechlabs.com/products/14k16r2-5-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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control capability, analog programming interfaces, and sequence memory for automated output control. Built-in protection circuits guard against overvoltage, overcurrent, and thermal stress, making it suitable for laboratory testing, industrial equipment characterization, and educational applications requiring stable, monitored DC power delivery.

Technical Specifications

Output Voltage: 16V **Output Current:** 2.5A **Output Type:** Regulated DC **Control Type:** Voltage and Current Controlled Output **Protective Functions:** Overvoltage, overcurrent, and temperature protection **Display:** Dual 4-place digital LED displays (measurement and set values) **Status Indication:** LED indicators for operating modes, display parameters, and device status

Key Features

- Manual voltage and current control via adjustable-resolution rotary knobs
- Analog interface with external control voltage inputs for remote output adjustment
- Monitor, auxiliary power, and programmable signal outputs
- Programmable trigger and setpoint inputs
- Master-slave operation support (parallel or series configuration)
- Automatic sequence recall from memory for voltage and current sequencing
- Output ON/OFF control via front panel, computer command, or trigger input
- Lockable front panel controls
- MIN-MAX function for automatic acquisition and storage of voltage and current extrema
- Configurable memory with battery backup (up to 243 stored settings)

Typical Applications

- Laboratory testing and prototyping
- Industrial equipment characterization
- Educational demonstrations and student lab work
- Automated test sequences requiring programmable DC sources

Compatibility & Integration

- Supports IEEE488, RS232C, and USB interface options
- Computer control integration for laboratory and automated systems

Form factor: Benchtop operation and 19" rack mounting

Compact size with lightweight design despite rated output power

Features & description

From manufacturer datasheet

Features

- Single-output Konstanter laboratory supply
 - Model encoding 14K16R2.5 indicates 16 V / 2.5 A class
 - Analog front-panel control typical of classic Konstanter bench supplies
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Applications

- General-purpose lab DC power to 16 V / 2.5 A
- Bench supply for low-voltage analog and digital circuits
- Service and production benches standardized on Gossen Konstanter supplies

14K16R25 Characteristics / Specifications

PARAMETER	VALUE
Model	14K16R2.5
Manufacturer	Gossen
Instrument Type	DC Power Supply
Alias	14K16R2.5; Gossen Konstanter 14K16R2.5; 14K 16R2.5
Voltage	0 to 16 V
Current	0 to 2.5 A
Power	40 W
AC input class	220 VAC (catalog listings)
Series	Konstanter 14K Notes Voltage/current follow the 16R2.5 model designation and reseller catalog identity (16 V x 2.5 A = 40 W). Detailed ripple, regulation, and programming accuracy tables were not verified from a primary 14K-series OEM datasheet—confirm faceplate ratings and calibration sticker on the unit.

14K16R25 Specifications

PARAMETER	VALUE
Gossen Konstanter 14K16R2.5 DC Power Supply	Overview
Applications	- General-purpose lab DC power to 16 V / 2.5 A
Technical Specifications	Model: 14K16R2.5

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

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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

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.