

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 24K32R4 DC Power Supply Unit 32V 4A

Gossen Konstanter 24K32R4 DC Power Supply Unit 32V 4A The Gossen Konstanter 24K32R4 is a linearly regulated laboratory DC power supply in the 24K family providing 0–32 V at up to 4 A (≈ 128 W continuous). Fine multi-turn CV/CC controls and dual metering support R&D, production, and service. Distinct from the 24K32R4D (digital-metering) sibling. General 32 V / 4 A bench supply; amplifier and board-level testing; production burn-in; series/parallel multi-unit Konstanter setups. The Gossen Konstanter 24K32R4 is a linearly regulated laboratory DC power supply in the 24K family providing 0–32 V at up to 4 A (≈ 128 W continuous). Fine multi-turn CV/CC controls and dual metering support R&D, production, and service. Distinct from the 24K32R4D (digital-metering) sibling. General 32 V / 4 A bench supply; amplifier and board-level testing; production burn-in; series/parallel multi-unit Konstanter setups.



MODEL

Gossen 24K32R4

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

24K32R4

LISTING

<https://aumictechlabs.com/products/24k32r4-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Gossen Konstanter 24K32R4 is a DC power supply unit delivering 32V at 4A maximum output, engineered for laboratory testing, R&D, and production environments requiring stable, regulated power. This unit operates in both constant voltage (CV) and constant current (CC)

modes, accommodating diverse load conditions and test scenarios. The functional housing supports benchtop operation or 19" rack integration, making it equally suited to standalone test stations and automated manufacturing systems.

Technical Specifications

Output Voltage: 32V maximum

Output Current: 4A maximum

Operating Modes: Constant Voltage (CV) and Constant Current (CC)

Display: Dual 4-place multifunction displays for voltage (V), current (A), and power (W) readout

Memory: Storage capacity for up to 243 settings with individual or sequential recall

Response Time: Short response times enabling generation of complex test signals and low-frequency analog signal superposition

Key Features

- Rotary pulse generators with adjustable resolution for manual voltage and current adjustment
- Menu-driven parameter configuration including range limitation, overvoltage protection, and programmable digital I/O
- Range limitation and delayed overcurrent shut-down protection
- Operating element protection against unauthorized access
- Natural convection or fan-assisted cooling architecture

Typical Applications

- Research and development requiring precise voltage/current control and programmable sequences
- Production test systems and automated manufacturing integration
- Dynamic power sourcing applications demanding short transient response
- Complex signal generation and analog-controlled test scenarios

Compatibility & Integration

The Konstanter 24K32R4 accommodates various communication interfaces - analog control, RS232, IEEE488 (GPIB), or USB depending on configuration - enabling integration into networked test environments and automated systems. Dual displays and memory storage streamline multi-step test protocols and repetitive measurements.

Features & description

From manufacturer datasheet

Features

- Family: Gossen Konstanter 24K
- Output: 0–32 V DC; 0–4 A
- Modes: CV/CC linear regulated
- Continuous power ≈ 128 W
- Fine multi-turn voltage and current potentiometers
- Dual analog meters (R4 analog class; not R4D digital)
- Series/parallel capable with compatible Konstanter units
- Active cooling typical of 24K chassis
- Mains: typically 200–240 V AC (confirm nameplate)

24K32R4 Characteristics / Specifications

PARAMETER	VALUE
Model	24K32R4
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Linear Laboratory DC Power Supply
Family	Gossen Konstanter 24K
Alias	24K32R4; 32V 4A Electrical 0–32 V; 0–4 A; CV/CC Operational Notes Prefer Gossen Konstanter 24K documentation. Do not confuse with 24K32R4D. Confirm mains voltage and sensing terminals on the unit.
Output	0–32 V DC; 0–4 A
Modes	CV/CC linear regulated
Mains	typically 200–240 V AC (confirm nameplate)

24K32R4 Specifications

PARAMETER	VALUE
Gossen Konstanter 24K32R4 DC Power Supply Unit 32V 4A	Overview
Applications	General 32 V / 4 A bench supply; amplifier and board-level testing; production burn-in; series/parallel multi-unit Konstanter setups.
Key Features	- Family: Gossen Konstanter 24K
Technical Specifications	Model: 24K32R4
Electrical	0–32 V; 0–4 A; CV/CC
Operational Notes	Prefer Gossen Konstanter 24K documentation. Do not confuse with 24K32R4D. Confirm mains voltage and sensing terminals on the unit.

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	24K32R4
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Linear Laboratory DC Power Supply
Family	Konstanter 24K
Alias	24K32R4; 32V 4A

Electrical

0-32 V; 0-4 A; CV/CC

Operational Notes

Prefer Gossen Konstanter 24K documentation. Do not confuse with 24K32R4D. Confirm mains voltage and sensing terminals on the unit.

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 8, 2026

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