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Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 24K32R4D DC Power Supply Unit 32V 4 A

Gossen Konstanter 24K32R4D DC Power Supply Unit 32V 4 A The Gossen Konstanter 24K32R4D is a linearly regulated laboratory DC power supply in the 24K family providing 0–32 V at up to 4 A (≈ 128 W). The R4D suffix denotes the digital-metering variant of the 24K32R4, with fine multi-turn CV/CC controls for R&D, production, and service. General 32 V / 4 A bench supply; amplifier and board-level testing; production burn-in; series/parallel multi-unit Konstanter setups. The Gossen Konstanter 24K32R4D is a linearly regulated laboratory DC power supply in the 24K family providing 0–32 V at up to 4 A (≈ 128 W). The R4D suffix denotes the digital-metering variant of the 24K32R4, with fine multi-turn CV/CC controls for R&D, production, and service. General 32 V / 4 A bench supply; amplifier and board-level testing; production burn-in; series/parallel multi-unit Konstanter setups.



MODEL

Gossen 24K32R4D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

24K32R4D

LISTING

<https://aumictechlabs.com/products/24k32r4d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Gossen Konstanter 24K32R4D is a regulated DC power supply delivering adjustable output from 0–32V and 0–4A with up to 128W power capability. Built for electronic testing, laboratory work, and industrial applications, it combines analog and digital interfaces with precise load-

independent response and comprehensive protection. Two 4-place LED displays provide real-time measurement and adjustment readouts across voltage, current, and power values. The unit features floating output terminals at front and rear panels, temperature-controlled cooling, and a rugged metal housing suitable for 19" rack integration.

Technical Specifications

Output voltage: 0–32V adjustable
Output current: 0–4A adjustable
Maximum power output: 128W
Voltage and current regulation with load-independent response time <1 ms
Minimal residual ripple and noise
Overload protection: overvoltage, overcurrent, and thermal
Integrated output ON/OFF control
Analog interface with monitor, auxiliary power, and programmable signal outputs
RS-232 interface for complete device operation
Optional IEEE 488 (GPIB) and USB interfaces
Manual adjustment via rotary pulse generators with adjustable resolution
Remote sensing with automatic mode switching
Lockable controls to prevent unintended adjustments

Key Features

Dual 4-place multifunction LED displays for V, A, and W readout
Floating output terminals at front and rear panels
Temperature-controlled fan for quiet operation
Support for voltage and current sequence generation
Master-slave operation via parallel or series connection
Data memory for U/I time profiles with automatic sequences (SSP and SYSKON models)
Rapid dynamic response and excellent load regulation

Typical Applications

Electronic component and circuit testing
Laboratory experimentation and characterization
Industrial testing environments requiring stable DC sources
Equipment requiring programmable voltage and current profiles

Compatibility & Integration

RS-232 interface enables direct device control. Optional IEEE 488 (GPIB) and USB interfaces expand connectivity. Software drivers available for LabWindows/CVI, LabVIEW, and Agilent VEE support computer-controlled operation. Master-slave configuration allows series or parallel stacking for extended capability.

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
- Digital metering (R4D class; distinct from analog R4)
- Series/parallel capable with compatible Konstanter units
- Active cooling typical of 24K chassis
- Mains: typically 200–240 V AC (confirm nameplate)

24K32R4D Characteristics / Specifications

PARAMETER	VALUE
Model	24K32R4D
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Linear Laboratory DC Power Supply
Family	Gossen Konstanter 24K
Alias	24K32R4D; 32V 4 A Electrical 0–32 V; 0–4 A; CV/CC; digital meters Operational Notes Prefer Gossen Konstanter 24K documentation. Distinct from 24K32R4 (analog meters). Confirm mains voltage on nameplate.
Output	0–32 V DC; 0–4 A
Modes	CV/CC linear regulated
Mains	typically 200–240 V AC (confirm nameplate)

24K32R4D Specifications

PARAMETER	VALUE
Gossen Konstanter 24K32R4D DC Power Supply Unit 32V 4 A	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: 24K32R4D
Electrical	0–32 V; 0–4 A; CV/CC; digital meters
Operational Notes	Prefer Gossen Konstanter 24K documentation. Distinct from 24K32R4 (analog meters). Confirm mains voltage on 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

Specifications

PARAMETER	VALUE
Model	24K32R4D
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Linear Laboratory DC Power Supply
Family	Konstanter 24K
Alias	24K32R4D; 32V 4 A

Electrical

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

Operational Notes

Prefer Gossen Konstanter 24K documentation. Distinct from 24K32R4 (analog meters). Confirm mains voltage on 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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.