

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 32D4 K003 DC Power Supply 18V 1A

The Gossen Konstanter 32D4 K003 is an 18V 1A DC power supply engineered for laboratory, industrial, and automated test environments. It delivers voltage and current regulated output with minimal residual ripple and response times typically under 1 ms, enabled by BET circuit technology for precise tracking of dynamic voltage and current changes. The unit combines analog and digital interfaces with extensive programmable control, memory functions, and protection features for integration into test systems and manufacturing workflows. Typical Applications Laboratory power sourcing, component characterization, automated test sequences, manufacturing system integration, and dynamic load simulation where precise voltage/current control and rapid transient response are required. Aumictech offers NIST-traceable calibration and repair for the Gossen 32D4 K003. All calibrations are performed to N



MODEL

Gossen 32D4 K003

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

32D4 K003

LISTING

<https://aumictechlabs.com/products/32d4-k003-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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technology for precise tracking of dynamic voltage and current changes. The unit combines analog and digital interfaces with extensive programmable control, memory functions, and protection features for integration into test systems and manufacturing workflows.

Technical Specifications

Output voltage: 18V DC Output current: 1A Output regulation: Voltage and current regulated Ripple and noise: Minimal residual ripple Response time: Typically less than 1 ms (BET circuit technology) Form factor: Laboratory benchtop operation; 19" rack mounting capable with adapter Housing: Metal construction

Key Features

Voltage and current programmable sequences with step rates as small as 10 μ s Memory storage: Up to 243 settings with individual or sequential recall Overvoltage protection (OVP), overcurrent protection (OCP), and overtemperature protection Remote sensing for accurate output voltage control at load Lockable control elements to prevent unauthorized adjustment Short-time operating range for brief intermittent power delivery Integrated calibration procedures and ISO 9000 compatibility

Analog & Digital Interfaces

Analog interface: Monitor outputs, auxiliary power, programmable signal and trigger inputs RS232: Available on select models for computer control and automated test system integration IEEE 488 (GPIB): Optional interface for ATE system integration USB: Available on select models

Typical Applications

Laboratory power sourcing, component characterization, automated test sequences, manufacturing system integration, and dynamic load simulation where precise voltage/current control and rapid transient response are required.

Features & description

From manufacturer datasheet

Features

- Model: 32D4 K003 • Output: 0–18 V DC; 0–1 A • Modes: CV/CC stabilized regulation • Family: Konstanter 32D series • Continuous power $\approx$ 18 W • Front-panel voltage/current controls and metering
- Compact bench form factor • AC mains powered (confirm nameplate)

32D4K003 Characteristics / Specifications

PARAMETER	VALUE
The Gossen Konstanter 32D4 K003 isalaboratory DC power supply providing	18 V at up to 1 A. Part of the Gossen Konstanter 32D compact/digital-metering family (K003 configurator), it offers stabilized CV/CC operation for general bench use in R&D, production, and service.
Model	32D4 K003
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Laboratory DC Power Supply
Family	Konstanter 32D series
Alias	32D4 K003; 18V 1A Electrical 0–18 V; 0–1 A; CV/CC Operational Notes Prefer unit nameplate for exact regulation, ripple, and mains voltage. K003 denotes the specific 32D4 configuration.
Output	0–18 V DC; 0–1 A
Modes	CV/CC stabilized regulation

32D4K003 Specifications

PARAMETER	VALUE
Gossen Konstanter 32D4 K003 DC Power Supply 18V 1A	Overview
Applications	Low-voltage circuit development; logic and analog bias; production and service benches; training labs.
Key Features	- Model: 32D4 K003
Technical Specifications	Model: 32D4 K003
Electrical	0–18 V; 0–1 A; CV/CC
Operational Notes	Prefer unit nameplate for exact regulation, ripple, and mains voltage. K003 denotes the specific 32D4 configuration.

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	32D4 K003
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Laboratory DC Power Supply
Family	Konstanter 32D
Alias	32D4 K003; 18V 1A

Electrical

0-18 V; 0-1 A; CV/CC

Operational Notes

Prefer unit nameplate for exact regulation, ripple, and mains voltage. K003 denotes the specific 32D4 configuration.

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.