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Data Sheet

August 8, 2026

GOSSEN

Gossen Konstanter 34K160R.8 DC Power Supply 160V .8A

The Gossen Konstanter 34K160R.8 is a programmable DC power supply engineered to deliver stable 160V at 0.8A for precision test and measurement applications. This unit operates in both constant voltage and constant current modes, combining high regulation stability with fast transient response characteristics typical of the Konstanter series. Short response times and independently configurable rise/fall times make it suited for complex signal generation and low-frequency modulation tasks. Compatibility & Integration The Konstanter series supports analog, RS232, IEEE488 (GPIB), and USB interfaces depending on model configuration. Maintenance and repairs require qualified personnel only. Aumictech offers NIST-traceable calibration and repair for the Gossen 34K160R.8. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1-3 business days.



MODEL

Gossen 34K160R.8

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

34K160R.8

LISTING

<https://aumictechlabs.com/products/34k160r-8-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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transient response characteristics typical of the Konstanter series. Short response times and independently configurable rise/fall times make it suited for complex signal generation and low-frequency modulation tasks.

Technical Specifications

Output Voltage: 160V Output Current: 0.8A Output Power: Approximately 128W Output Type: Constant Voltage (CV) / Constant Current (CC) Regulation: High stability and precision Response Time: Short response times for complex test signals and low-frequency signal superimposition Transient Response: Fast transient measurements with independent high/low level setting options, rise and fall time configuration

Key Features

Programmable operation with data memory for U/I time profiles Automatic sequence execution capability Short-circuit protection Safety Class I device requiring protective conductor grounding Benchtop operation suitable for 19" rack mount integration

Typical Applications

Research and development Production and testing Automotive electrical and electronics Surface finishing Telecommunications technology Control and drive technology Frequency converters Power semiconductors Uninterruptible Power Supply (UPS) systems Circuit breakers and protective motor switches

Compatibility & Integration

The Konstanter series supports analog, RS232, IEEE488 (GPIB), and USB interfaces depending on model configuration. Maintenance and repairs require qualified personnel only.

Features & description

From manufacturer datasheet

Features

- Family: Gossen Konstanter 34K series laboratory DC supply
- Output: 0–160 V DC; 0–0.8 A (model 34K160R.8)
- Modes: constant voltage (CV) and constant current (CC) with automatic crossover class
- Controls: fine multi-turn voltage and current adjustment (Konstanter 34K class)
- Metering: dual analog meters; range expansion class on 34K family
- Cooling: active fan cooling typical of 34K chassis
- Mains: AC line powered (typically 220–230 V European class; confirm nameplate)
- Form factor: bench Konstanter enclosure (34K family dimensions class)

34K160R8 Characteristics / Specifications

PARAMETER	VALUE
Model	34K160R.8
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Linear Laboratory DC Power Supply
Family	Gossen Konstanter 34K series laboratory DC supply
Alias	34K160R.8; Gossen Konstanter 160V 0.8A Electrical 0–160 V; 0–0.8 A; CV/CC linear regulated Operational Notes Prefer Gossen Konstanter 34K family documentation and the unit nameplate for exact mains voltage, regulation, and ripple. Series/parallel rules follow Konstanter practice—verify before paralleling.
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34K160R8 Specifications

PARAMETER	VALUE
Gossen Konstanter 34K160R.8 DC Power Supply 160V .8A	Overview
Key Features	- Family: Gossen Konstanter 34K series laboratory DC supply
Technical Specifications	Model: 34K160R.8
Electrical	0–160 V; 0–0.8 A; CV/CC linear regulated

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	34K160R.8
Manufacturer	Gossen / Gossen Metrawatt
Instrument Type	Linear Laboratory DC Power Supply
Family	Konstanter 34K
Alias	34K160R.8; Gossen Konstanter 160V 0.8A

Electrical

0-160 V; 0-0.8 A; CV/CC linear regulated

Operational Notes

Prefer Gossen Konstanter 34K family documentation and the unit nameplate for exact mains voltage, regulation, and ripple. Series/parallel rules follow Konstanter practice-verify before paralleling.

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.