

**Aumictech**

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Data Sheet

August 13, 2026

GW INSTEK

GW Instek GPR-7550D Linear DC Power Supply

Key Features - Internal select for continuous or dynamic load (GPR-3510HD/GPR-6060D/GPR-7550D) - Overload and reverse-polarity protection - Dual 3 1/2-digit 0.5 inch LED display - CE approved (with GPR-1820HD, GPR-3510HD, GPR-11H30D) - 18.5 kg GPR-H chassis (not the 11.5 kg GPR-M) Technical Specifications Model: GPR-7550D Manufacturer: GW Instek Instrument Type: Linear DC power supply Series: GPR-H Alias: GPR7550D Rated power: 375 W Output voltage: 0 to 75 V Output current: 0 to 5 A CV line regulation: less than 0.01% + 3 mV CV load regulation under 10 A: less than 0.01% + 5 mV CV load regulation above 10 A: less than 0.02% + 5 mV CV ripple noise: less than 1 mVrms, 5 Hz to 1 MHz Recovery time: less than 100 us (50% load change, minimum load 0.



MODEL

GW Instek GPR-7550D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

GPR-7550D

LISTING

<https://aumictechlabs.com/products/gpr-7550d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The GW Instek GPR-7550D is a single output, 375W, linear DC power supply providing users with a maximum output voltage of 75V and a maximum output current of 5A. The GPR-7550D features constant voltage and constant current operation, as well as overload protection to ensure the safety of the power supply and the device under test. With its high regulation and low ripple

characteristics, this power supply is a wide variety of applications, including education, research and development, and industrial testing.

Features & description

From manufacturer datasheet

Features

- Internal select for continuous or dynamic load (GPR-3510HD/GPR-6060D/GPR-7550D)
- Overload and reverse-polarity protection
- Dual 3 1/2-digit 0.5 inch LED display
- CE approved (with GPR-1820HD, GPR-3510HD, GPR-11H30D)
- 18.5 kg GPR-H chassis (not the 11.5 kg GPR-M)

GPR7550D Characteristics / Specifications

PARAMETER	VALUE
Model	GPR-7550D
Manufacturer	GW Instek
Instrument Type	Linear DC power supply
Series	GPR-H
Alias	GPR7550D
Rated power	375 W
Output voltage	0 to 75 V
Output current	0 to 5 A
CV line regulation	less than 0.01% + 3 mV
CV load regulation under 10 A	less than 0.01% + 5 mV
CV load regulation above 10 A	less than 0.02% + 5 mV
CV ripple noise	less than 1 mVrms, 5 Hz to 1 MHz
Recovery time	less than 100 us (50% load change, minimum load 0.5 A)
Temperature coefficient	300 ppm perCCV output range: 0 to rating voltage continuously adjustable
CC line regulation	less than 0.2% + 3 mA
CC load regulation	less than 0.2% + 5 mA
CC ripple under 20 A	less than 5 mArms
CC ripple under 30 A	less than 10 mArms
CC ripple under 50 A	less than 20 mArms
CC output range	0 to rating current continuously adjustable
Meter type	3 1/2 digits 0.5 inch LED
Meter accuracy	±(0.5% of reading + 2 digits)
Insulation chassis terminal	100 Mohm or above at DC 1000 V
Insulation chassis AC cord	100 Mohm or above at DC 1000 V
AC power	100/120/220/240 V ±10%, 50/60 Hz

PARAMETER	VALUE
Dimensions	225 mmWx 145 mmHx 420 mmDWeight: approximately 18.5 kg
Accessories	user manual, power cord, GTL-104 (10 A class)
Spec condition	30 minutes warm-up, +20 C to +30 C

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	
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CC ripple under 30 A	less than 10 mArms
CC ripple under 50 A	less than 20 mArms
CC output range	0 to rating current continuously adjustable
Meter type	3 1/2 digits 0.5 inch LED
Meter accuracy	±(0.5% of reading + 2 digits)
Insulation chassis terminal	100 Mohm or above at DC 1000 V
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Notes
Specs from GW Instek GPR-H specification sheet, GPR-7550D row. Do not confuse with GPR-U GPR-7510HD (75 V / 10 A, 29.5 kg) or GPR-M GPR-6030D (60 V / 3 A, 180 W).

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.