

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

INSTEK/GW

GW Instek PS-3030D Linear DC Power Supply

Key Features - Single 3.5-digit 0.5 inch LED versus analog GPS-3030 or dual-display GPS-3030DD - Hi/Lo current-range switch - Remote control terminals for external programmability - Optional European jack terminal - Light 128 × 145 × 285 mm chassis

Technical Specifications
Model: GPS-3030D Manufacturer: GW Instek Instrument Type: Linear DC power supply Series: GPS Alias: GPS3030D Output voltage: 0 to 30 V Output current: 0 to 3 A Rated power: 90 W
CV line regulation: $\leq 0.01\% + 3 \text{ mV}$ CV load regulation: $\leq 0.01\% + 3 \text{ mV}$ (rating current $\leq 3 \text{ A}$)
CV load regulation alt: $\leq 0.01\% + 5 \text{ mV}$ (rating current 3 A class table row) CV ripple noise: $\leq 0.5 \text{ mVrms}$, 5 Hz to 1 MHz (rating current $\leq 3 \text{ A}$) Recovery time: $\leq 100 \text{ us}$ (50% load change, minimum load 0).



MODEL

Instek/GW PS-3030D

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PS-3030D

LISTING

<https://aumictechlabs.com/products/ps-3030d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Instek PS-3030D is a reliable and affordable single-channel linear DC power supply, delivering up to 30V and 3A. It incorporates overload and reverse polarity protection to ensure the safety of both the power supply and the connected devices. The clear LED displays provide accurate voltage and current readings. The PS-3030D is well-suited , including electronics experimentation, circuit testing, and component evaluation.

Features & description

From manufacturer datasheet

Features

- Single 3.5-digit 0.5 inch LED versus analog GPS-3030 or dual-display GPS-3030DD • Hi/Lo current-range switch • Remote control terminals for external programmability • Optional European jack terminal
- Light 128 × 145 × 285 mm chassis

PS3030D Characteristics / Specifications

PARAMETER	VALUE
Model	GPS-3030D
Manufacturer	GW Instek
Instrument Type	Linear DC power supply
Series	GPS
Alias	GPS3030D
Output voltage	0 to 30 V
Output current	0 to 3 A
Rated power	90 W
CV line regulation	$\leq 0.01\% + 3 \text{ mV}$
CV load regulation	$\leq 0.01\% + 3 \text{ mV}$ (rating current $\leq 3 \text{ A}$)
CV load regulation alt	$\leq 0.01\% + 5 \text{ mV}$ (rating current 3 A class table row)
CV ripple noise	$\leq 0.5 \text{ mVrms}$, 5 Hz to 1 MHz (rating current $\leq 3 \text{ A}$)
Recovery time	$\leq 100 \text{ us}$ (50% load change, minimum load 0.5 A)
Temperature coefficient	$\leq 300 \text{ ppm perCCV}$ output range: 0 to rating voltage continuously adjustable
CC line regulation	$\leq 0.2\% + 3 \text{ mA}$
CC load regulation	$\leq 0.2\% + 3 \text{ mA}$
CC ripple current	$\leq 3 \text{ mArms}$
CC output range	0 to rating current continuously adjustable, Hi/Lo switchable
Meter type	3 digits 0.5 inch LED (GPS-1830D/1850D/3030D)
Meter accuracy	$\pm(0.5\% \text{ of reading} + 2 \text{ digits})$
Insulation chassis terminal	20 Mohm or above at DC 500 V
Insulation chassis AC cord	30 Mohm or above at DC 500 V
AC power	100/120/220/240 V $\pm 10\%$, 50/60 Hz
Dimensions	128 mmWx 145 mmHx 285 mmDWeight: approximately 5 kg
Accessories	user manual, power cord, GTL-105 (3 A) or GTL-104 (10 A) test lead

PARAMETER	VALUE
Related analog	GPS-3030
Related dual digital	GPS-3030DD
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	
Specifications	
PARAMETER	VALUE
Model	GPS-3030D
Manufacturer	GW Instek
Instrument Type	Linear DC power supply
Series	GPS
Alias	GPS3030D
Output voltage	0 to 30 V
Output current	0 to 3 A
Rated power	90 W
CV line regulation	≤0.01% + 3 mV
CV load regulation	≤0.01% + 3 mV (rating current ≤3 A)
CV load regulation alt	≤0.01% + 5 mV (rating current 3 A class table row)
CV ripple noise	≤0.5 mVrms, 5 Hz to 1 MHz (rating current ≤3 A)
Recovery time	≤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	≤0.2% + 3 mA
CC load regulation	≤0.2% + 3 mA
CC ripple current	≤3 mA rms
CC output range	0 to rating current continuously adjustable, Hi/Lo switchable
Meter type	3 digits 0.5 inch LED (GPS-1830D/1850D/3030D)
Meter accuracy	±(0.5% of reading + 2 digits)
Insulation chassis terminal	20 Mohm or above at DC 500 V
Insulation chassis AC cord	30 Mohm or above at DC 500 V
AC power	100/120/220/240 V ±10%, 50/60 Hz
Dimensions	128 mmWx 145 mmHx 285 mmDWeight: approximately 5 kg
Accessories	user manual, power cord, GTL-105 (3 A) or GTL-104 (10 A) test lead

PARAMETER	VALUE
Related analog	GPS-3030
Related dual digital	GPS-3030DD
Spec condition	30 minutes warm-up, +20 C to +30 C

Notes

Specs from GW Instek GPS-Series specification sheet. Confirm GPS-3030D single digital versus GPS-3030DD dual 0.39 inch LEDs and analog GPS-3030 (2.5 class 50 x 50 mm meters). Optional European jack isafactory/terminal option.

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 13, 2026

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