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Find the *Instek PSS-3203GP* at our website: *Click HERE*

Programmable D.C. Power Supply



FEATURES

* Digitized Programmable Interface, High Resolution 10mV, 1mA
* High Stability, Low Drift
* Over-Voltage, Over-Current, Over Temperature Protection
* Intelligent Fan Control (Change by Output Power)
* Built-in Buzzer Alarm
* Labview Driver
* Standard Interface: RS-232C
* Option: GPIB (IEEE-488.2)
* Optional European Jack Type Terminal

PSS-Series

SPECIFICATIONS

OUTPUT	PSS-2005	PSS-3203
Voltage	0~20V	0~32V
Current	0~5A	0~3A
OVP	0~21V	0~33V

LOAD EFFECT	
Voltage	≦ 3mV (≦5mV, rating current >3.0A)
Current	≦ 3mA (≦5mA, rating current >3.0A)
SOURCE EFFECT	
Voltage	≦ 3mV
Current	≦ 3mA
RESOLUTION	
Voltage	10mV
Current	1mA (2mA, rating current >3.0A)
OVP	10mV
PROGRAM ACCURACY(25± 5°C)	
Voltage	≦ 0.05%+20mV
Current	≦ 0.1%+5mA (+10mA, rating current>3.0A)
OVP	≦ 0.05%+20mV
RIPPLE & NOISE(20Hz~20MHz)	
Voltage	Ripple : 1mVrms/3mVp-p Noise : 2mVrms/30mVp-p
Current	≦ 3mArms (≦5mArms, rating current >3.0A)
TEMPERATURE COEFFICIENT (0 ~ 40°C)	
Voltage	≦ 100ppm+3mV
Current	≦ 100ppm+3mA
READBACK RESOLUTION	
Voltage	10mV
Current	1mA (2mA, rating current >3.0A)
READBACK ACCURACY(25± 5°C)	
Voltage	≦ 0.05%+10mV
Current	≦ 0.1%+5mA
READBACK TEMPERATURE COEFFICIENT	
Voltage	≦ 100ppm+10mV
Current	≦ 100ppm+5mA (+10mA rating current >3.0A)
RESPONSE TIME	
Voltage Up	10%~90% ≦ 100mS
Voltage Down	90%~10% ≦ 100mS (±10% rating load)
DRIFT	
Voltage	≦ 100ppm+10mV
Current	≦ 150ppm+10mA

INTERFACE
Standard : RS-232C; Option: GPIB (IEEE488.2)

POWER SOURCE
AC 100V/ 120V/ 220V ±10%, 230V (+10%/~6%), 50/60Hz

ACCESSORIES
Instruction manual x 1, Power cord x 1
Test lead GTL-104 x 1(PSS-2005) or GTL-105 x 1(PSS-3203)
European Test Lead
GTL-204 x 1 (PSS-2005) or GTL-203 x 1 (PSS-3203)

DIMENSIONS & WEIGHT
108(W) x 140(H) x 315(D) mm, Approx. 4.8kg

ORDERING INFORMATION

PSS-2005 100W Single Output Programmable D.C. Power Supply
PSS-3203 96W Single Output Programmable D.C. Power Supply

Option
Opt.01 : GPIB Interface (factory installed)
Opt.02 : GRA-403 Rack Mounting (19", 4U)

NOTE : When Opt.01 GPIB interface is ordered, the standard interface RS-232C will be deleted.

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