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Find the *Instek GTL-105* at our website: *Click HERE*

Programmable D.C. Power Supply



FEATURES

* Digitized Programmable Interface, High Resolution 10mV, 1mA
* 192 x 128 LCD Display, Display Several Setting and Measuring Result Simultaneously
* Over-Voltage, Over-Current, Over Temperature Protection
* Intelligent Fan Control(Change by Output Power)
* 100 Sets Memory
* Auto Step Running With Timp Setting
* Provided Auto Series and Parallel Function
* Labview Driver
* Standard Interface: RS-232C
* Option: GPIB (IEEE-488.2)
* Optional European Jack Type Terminal

PST-Series

SPECIFICATIONS

OUTPUT	PST-3202	PST-3201
Voltage	0~32Vx2, 0~6Vx1	0~32Vx3
Current	0~2Ax2, 0~5Ax1	0~1Ax3
OVP	0~33Vx2, 0~7Vx1	0~33Vx3

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 (20mV, rating voltage >36V)
- Current: 1mA (2mA, rating current >3.0A)
- OVP: 10mV (20mV, rating voltage >36V)

PROGRAM ACCURACY(25 ± 5°C)
- Voltage: ≦ 0.05%+20mV (+40mV, rating voltage>36V)
- Current: ≦ 0.1%+5mA (+10mA, rating current>3.0A)
- OVP: ≦ 0.05%+20mV(+40mV, rating voltage>36V)

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 (20mV, rating voltage >36V)
- Current: 1mA (2mA, rating current >3.0A)

READBACK ACCURACY(25 ± 5°C)
- Voltage: ≦ 0.05%+10mV (+20mV, rating voltage >36V)
- Current: ≦ 0.1%+5mA

READBACK TEMPERATURE COEFFICIENT
- Voltage: ≦ 100ppm+10mV (+20mV, rating voltage >36V)
- 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 (+20mV, rating voltage >36V)
- Current: ≦ 150ppm+10mA

TRACK OPERATION
- Tracking Error: 0.1%+20mV
- Series(Load Effect): ≦ 20mV

PARALLEL OPERATION
- Program Accuracy (25± 5° C): Voltage≦ 0.05%+10mV (+20mV, rating voltage >36V); Current≦0.1%+10mA OVP≦0.05%+10mV
- Load Effect: Voltage≦3mV(≦5mV, rating current>3.0A) current≦6mA
- Source Effect: Voltage≦3mV; current≦6mA

MEMORY
- Store/Recall sets: 0~99

TIMER
- Setting time: 0.1sec~99Min59sec(max 99Min59sec x 100)
- Resolution: 0.1 sec
- Function: Auto step running (for output working loop)

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 3
(PST-3202) or GTL-105 x 3 (PST-3201)
European Test Lead
GTL-204 x 3 (PST-3202) or GTL-203 x 3 (PST-3201)

DIMENSIONS & WEIGHT
230(W) x 140(H) x 380(D) mm , Approx.10kg

ORDERING INFORMATION

PST-3202 158W Triple Output Programmable D.C. Power Supply
PST-3201 96W Triple Output Programmable D.C. Power Supply

Option
Opt.01: GPIB Interface (factory installed)
Opt.02: GRA-407 Rack Mounting (19", 4U)

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