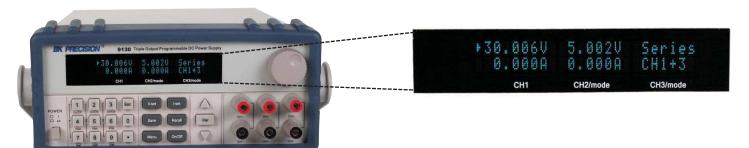


Model 9130

Triple Output Programmable DC Power Supply

Data Sheet



Model 9130

Triple Output Programmable DC Power Supply

The 9130 is a fully programmable triple Output DC Power Supply delivering 0-30V/0-3A on 2 outputs and 0-5V/0-3A on 1 output. Each output is fully floating and outputs can be adjusted independently or connected in series or parallel to produce higher voltages or currents. The 9130 is ideally suited for applications in Electronic Test, Production and Service where multiple independent DC supplies are required and bench space is at a premium.

- 3 independent, fully programmable and electrically isolated outputs
- Display & adjust Voltage and Current settings for all 3 channels simultaneously
- Flexible output configuration: Connect any 2 or all 3 channels in parallel
- Excellent stability and regulation
- Very compact foot print (rack mountable 2U x I/2U)
- SCPI compatible command set. Communicate via standard USB communication cable or optional RS232 cable
- OVP (Over Voltage) and OTP (Over Temperature) protection
- Output on/off control
- Application Software for front panel emulation and simple test sequence generation included
- 50 memory locations for instrument state storage & recall
- Closed case calibration

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Specifications		9130 model	
O + + P +:	Voltage	Current	
Output Ratings	0 ~ 30V (Ch1 & Ch2)	0 ~ 3A (Ch1 & Ch2)	
I ID III	0 ~ 5V (CH3)	0 ~ 3A (CH3)	
Load Regulation	0.010/ 1.2.1/	0.010/ 1.2.4	
±(% of output+offset)	≤ 0.01% + 3mV	≤ 0.01% + 3mA	
Line Regulation			
±(% of output+offset)	≤ 0.01% + 3mV	≤ 0.1% + 3mA	
Programming Resolution	ImV	ImA	
Readback Resolution	ImV	ImA	
Programming accuracy			
12 month, (at $25^{\circ}C \pm 5^{\circ}C$)	≤ 0.03% + 10mV	$\leq 0.1\% + 5\text{mA}$	
±(% of output+offset)			
Readback accuracy			
12 month, (at $25^{\circ}C \pm 5^{\circ}C$)			
±(% of output+offset)	≤ 0.03% + 10mV	$\leq 0.1\% + 5 \text{mA}$	
Temperature Coefficient			
(0°C ~ 40°C)			
±(% of output+offset)	≤ 0.03%+10mV	$\leq 0.1\% + 5 \text{mA}$	
Readback Temperature			
Coefficient			
±(% of output+offset)	≤ 0.03%+10mV	≤ 0.1%+5mA	
Tracking Accuracy			
Series Operation		≤ 0.05%+10mA	
Tracking Accuracy		= 0.0070 + 10.001	
Parallel Operation	≤ 0.02%+5mV	≤ 0.1%+20mA	
Ripple	≤ ImVrms/3mVp-p	2 0.170 1 20112 (
Noise	≤ 3mVrms		
General	= JIIIVIIIIS		
State Storage Memory	50 memory locations		
State Storage Memory Timer	-	50 memory locations	
		Resolution:1s, Range: 1s~999999s	
Weight	19.8 lbs. (9kg) 3.45" x 3.8" x 13.9"		
Dimensions (W x H x D)		214.5mm x 88.2mm x 354.6mm	
	214.5mm x 88.2mm x 354	t.bmm	

SUPPLIED: Line Cord, Manual, USB communication cable, software installation disk OPTIONAL: RS232 interface cable IT-E131, hook-up leads TL 5A and TL 30, test lead kit

Specifications subject to change without notice