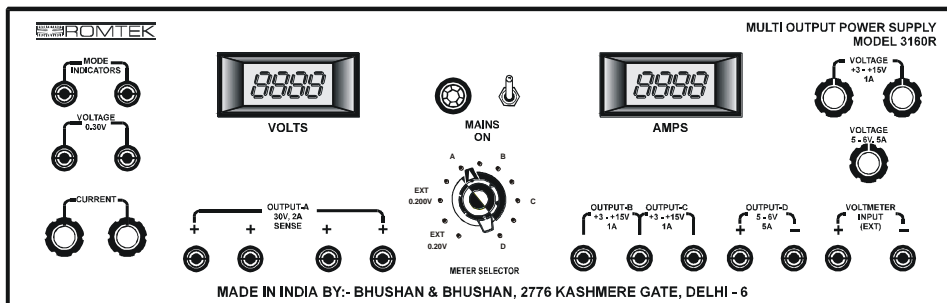
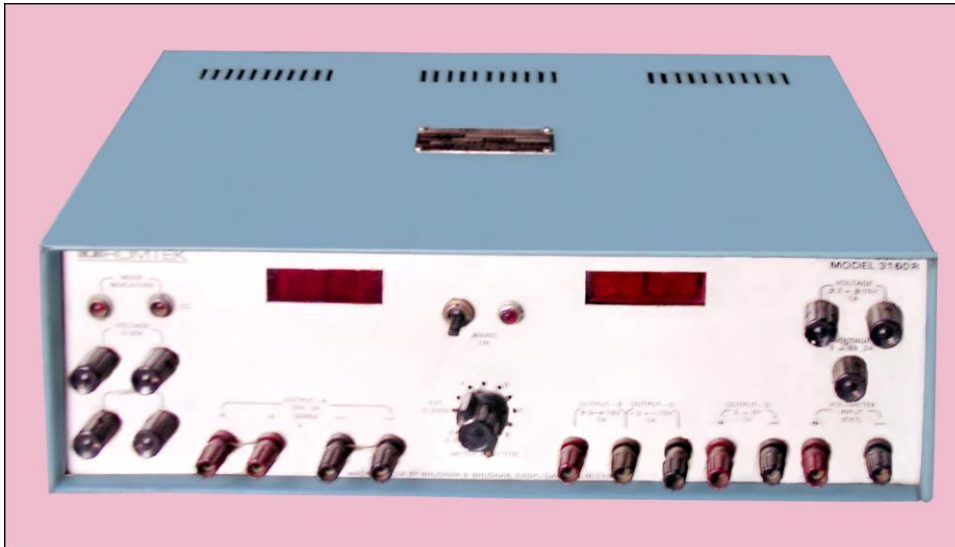


ROMTEK MULTIOUTPUT DC POWER SUPPLY MODEL 3160R



DESCRIPTION:

Romtek Model: 3160R Multioutput Power Supply has been designed to reduce clutter on the laboratory table. It has not only got all the voltage outputs which are possibly required in the laboratory, but it has got one digital Voltmeter and 1 Digital Ammeter also. It has got an output of 0 to 30V, 2A to take care of transistorized circuits and 2 Outputs of 3 to 15V to take care of operational Amplifiers etc and an output of $5 \pm 5V$, 5A to take care of digital integrated circuits. Digital Voltmeter Provided has 3 1/2 Digit seven segments LED display and has an accuracy of 0.1%. It enables correct setting of output voltage. The Digital Voltmeter Provided has got 3 1/2 Digit seven segments LED display and has an accuracy of 0.5% permitting correct setting and reading of current limit and current consumed. Meter selector permits selection of the digital meters so that they can read any of the four outputs. All these facilities are available in a compact size measuring 17" (w) \times 6" (h) \times 15" (d). Purchase of a single model 3160P will save you the trouble of purchasing four power supplies, one digital Voltmeter, one digital Ammeter and also save you a lot of interconnecting wires when a practical is set up. Apart from utility as discussed above, all the power supplies in the model 3160R feature excellent ripple characteristics and exhaustive protection circuitry.

SPECIFICATIONS:

OUTPUT	0 To 30V, 2A	
	Constant Voltage Mode	Constant Current Mode
Line Regulation (for \pm change in line)	.05% + 5mV	0.2% + 1mA
Load Regulation (for no load to full load)	.05% + 5mV	0.2% + 1mA
Ripple (RMS)	1mV	2mA
Metering	One Voltmeter And One Ammeter. 3 1/2 Digits, LED Or LCD As Per Customer Choice	
Meter Accuracy	0.1%	
Auto Crossover Characteristics	The Power Supply Is Of The Constant Voltage, Constant Current Type With Auto Crossover Characteristics.	
Protection	CV/CC characteristics protect against over load and short circuits	
Remote Sensing	Remote sensing feature is given to permit regulation at the load end rather than at the power supply end. This feature can take care of upto 0.5V drop per power lead.	
Controls & Indicators	Coarse controls for voltage and current, output terminal, remote sensing terminals and LED's to indicate whether operating in CV or CC mode.	
Output	± 3 to $\pm 15V$ 1A	
Line Regulation	0.1% (for no load to full load)	
Load Regulation	0.1% (for no load to full load)	
Ripple	1mV RMS maximum	
Protection	Protected against over load and short circuits by fold back circuit.	
Controls	Coarse and fine controls for voltage and output terminals are given	
Tracking	The outputs are auto tracking with tracking error of better than 1%	
	5V \pm 0.5V	
Output	5 to 6V 5A DC	
Line Regulation	0.1% (for $\pm 10\%$ change in line regulation)	
Load Regulation	0.1% (for no load to full load)	
Ripple	1mV RMS maximum	
Protection	Protected against over load, short circuits and also against over voltage by SCR Crowbar set to 6.2V. Fold back Protection ckt.	
Control	Control Provided to vary the output voltage and output terminals are given.	
Specifications Common To All The Above:		
Voltmeter	Display: 3 1/2 digit, seven segments LED	
Accuracy	0.1%	
Selection	Meter selector switch enables this voltmeter to read the output of any of the four outputs. The range of the meter is automatically changed with the meter selector switch. The switch is push button type.	
Tempco	0.05% + 1mV	
Ammeter	Display 3 1/2" digit, seven segments LED.	
Accuracy	0.5%	
Selector Switch	The Ammeter can read the output of any of the power supplies with the help of the selector switch. The range of the ammeter is changed automatically. The switch is push button type.	
Transient Recovery Time	Better than 400 μ s for recovery with in 10mV of nominal set voltage/regulation band.	
Transient Behavior	There is no overshoot on turn on, turn off and power removal.	
Stability	0.25% + 5mV (after 30 minutes warm-up) for 6 hours.	
Setting Resolution	Setting resolution for Voltage- is 0.5%	
Input Voltage	230V $\pm 10\%$, 50Hz, Single Phase	

Ambient	0-40°C, upto 90% at 40°C.
Mechanical	17" (w) × 6" (h) × 15" (d) 425 (w) × 150 (h) × 375 (d) mm.
Weight	13.5 Kgms.

TENDER SPECIFICATIONS:

India Office:

Post Office Box No.1583
2776, Kashmere Gate
Delhi – 110006
India

Bhushan & Bhushan

(Romtek is brand of Bhushan & Bhushan)
Estd. in 1969
USA Office.
Phone : 1-303-682-9296

Contact Information:

Web: www.romtekonline.com
Email: sales@romtekonline.com
Phone: 91-11-26384723
Fax: 91-11-26384722