



ELECTRONICS WORKBENCH MODEL - ELECTRWBENCH100



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Dealer:-

1. MULTIPLE OUTPUT DC REGULATED POWER SUPPLY

FEATURES

1. Constant Current (CC) and Constant Voltage (CV) source for use in laboratories, industries and field testing.
2. Compact size, it provides DC output voltages for Analog and Digital testing.
3. Provide high regulation and stability with either LED 3-digit display for voltage & current is provided to read the values.
4. The unit is equipped with coarse and fine controls for adjusting the voltage and current.

SPECIFICATIONS

1. Input Power : 230VAC \pm 10%, Frequency: 50 \pm 3Hz.
2. Output Voltage : 0-30V, 2 Amps,
+15V Dual Tracking, +5V/5A
3. Line Regulation : 0.01% for the Input variation of \pm 10%
4. Load Regulation S : 0.01% from no Load to full load
5. Constant Voltage(CV), Constant Current (CC)
6. Ripple & Noise : 1 mV rms.
7. Constant Voltage & Current Operation
8. Short Circuit and Over load with beep
9. 3 Digit Display for 0-32VI2A,
10. On/ Off Power switch

Accessories

1. Measuring Probes
2. Practical Manual - Printed + Soft Copy : 1 No.

2. LCR METER (DIGITAL) HANDHELD

FEATURES

1. 3 Digit Display
2. 2000 Counts
3. Large LCD Display
4. Full Protection function, capacitor with the function of Self discharge
5. Auto Power OFF (APO)
6. Measure Six Basic Parameters R,C,L
7. Equipped with SMD Component Test Fixture
8. Low Battery Indication

SPECIFICATIONS

CAPACITANCE

Range	Resolution	Accuracy
200pF	0.1pF	+/- 2.5% of rdg + 5d digits
2nF	1pF	+/- 2.5% of rdg + 5d digits
20nF	10pF	+/- 2.5% of rdg + 5d digits
200nF	100pF	+/- 2.5% of rdg + 5d digits
2uF	1nF	+/- 2.5% of rdg + 5d digits
20uF	10nF	+/- 2.5% of rdg + 5d digits
200uF	100nF	+/- 2.5% of rdg + 5d digits
2000uF	1uF	+/- 5.0% of rdg + 5d digits

INDUCTANCE

Range	Resolution	Accuracy
200uH	0.1uH z	+/- 3.0% of rdg + 5d digits
2mH	1uH	+/- 2.0% of rdg + 5d digits
20mH	10uH	+/- 2.0% of rdg + 5d digits
200mH	100uH	+/- 2.0% of rdg + 5d digits
2H	1mH	+/- 2.0% of rdg + 5d digits
20H	10mH	+/- 5.0% of rdg + 5d digits

RESISTANCE

Range	Resolution	Accuracy
20 ohm	0.01 ohm	+/- 1.0% of rdg + 5 digits
200 ohm	0.1 ohm	+/- 0.8% of rdg + 2 digits
2 Kohm	1 ohm	+/- 0.8% of rdg + 2 digits
20 Kohm	10 ohm	+/- 0.8% of rdg + 2 digits
200 Kohm	100 ohm	+/- 0.8% of rdg + 2 digits
20 Mohm	10 Kohm	+/- 2.0% of rdg + 5 digits

Accessories

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3. 70 MHZ MIXED SIGNAL OSCILLOSCOPE (4 ANALOG + 16 DIGITAL CHANNEL)

FEATURES

1. With more than 20Mpt Memory
2. Real time Sampling 1GSa/sec
3. LAN Interface with, I2C , SPI, Runt, RS232 / UART
4. I2C and SPI trigger decoding functions
5. Two channel 25MHz awg
6. Math functions like differentiation, integration, abs, AND, OR, NOT etc.

SPECIFICATIONS

1. 70 MHz mixed signal oscilloscope
2. 4 analog / 16 Digital channels
3. Includes DS1074Z Plus scope and RPL1116 logic probe
4. Direct replacement for the MSO1074Z
5. includes FREE software bundle BND-MSO/DS1000Z built into the unit
6. Real-time sample rate up to 1 GSa/s
7. Memory depth up to 20 Mpts
8. Up to 30,000 wfms/s waveform capture rate
9. Up to 60,000 frames hardware real-time waveform recording and playback functions (optional)
10. Various trigger and bus decoding functions
11. Low noise floor, vertical scale range: 1 mV/div to 10
12. Input Power: 230VAC \pm 10%, Frequency: 50 \pm 3Hz.
13. On/ Off Power switch

Accessories

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4. 25 MHZ ARBITRARY WAVEFORM GENERATOR WITH DIGITAL DISPLAY FOR FREQUENCY AND AMPLITUDE

FEATURES

1. Two Channel
2. 200MSa/Sec and 2Mpt memory
3. More than 150 different arbitrary waveforms
4. Built-in 8th order harmonic generation
5. Built-in 150MHz Frequency counter
6. PC Connectivity : USB Device/Host and LAN
7. Digital Display for Frequency and Amplitude

SPECIFICATIONS

- | | | |
|------------------------------|---|---|
| Model | : | SGDDA - 25M |
| 1. Frequency Output | : | (1 μ Hz to 25 MHz Sine Wave) |
| 2. Output Channels | : | 2 Channels, 50 Ω (Typical), Short-circuit Protection |
| 3. Sampling Rate | : | 150 MSa/S |
| 4. Arbitrary waveform Length | : | 16 K Points, 14 Bits Res. |
| 5. Waveforms | : | Sine wave, Square wave, Ramp, Pulse, Noise,
Arbitrary Wave forms, DC. |
| 6. Frequency Limits | : | Square 5 MHZ
Ramp 500 Khz
Pulse 5 MHZ
Arbitrary 6.5 MHZ |
| 7. Modulation | : | AM, FM, PM, FSK, BPSK, ASK, Sweep, Burst. |
| 8. Frequency Counter | : | Frequency Range : 0.1 Hz ~ 250 MHz, 6 Digits |
| 9. Amplitude Channel 1 | : | 2 mV p-p ~ 20 V p-p (High Impedance, \leq 15 MHZ)
2 mV p-p ~ 10 V p-p (High Impedance, \leq 60 MHZ)
1 mV p-p ~ 10 V p-p (50 Ω , \leq 15 MHZ) |
| 10. Amplitude Channel 2 | : | 2 mV p-p ~ 6 V p-p (High Impedance, \leq 60 MHZ)
1 mV p-p ~ 3 V p-p (50 Ω , \leq 60 MHZ) |
| 11. D.C. Offset & Burst | : | Provided |
| 12. Sweep | : | Lin. / Log. |
| 13. Display | : | 4.5" TFT LCD |
| 14. Interface | : | RS232 & USB |
| 15. Accessories | : | Power Cord, User Manual, S/W C.D., USB Cable,
RS-232 cable & BNC Cable. Optional: Power Amplifier. |
| 16. Power source | : | 100 ~ 240 V AC, 50 Hz (\pm 3 Hz), \approx 50 W Max. |

5. 6 AND 1/2 DIGIT DIGITAL MULTIMETER

FEATURES

1. Measurement Functions :
DC & AC Voltage, DC & AC Current, 2-wire & amp, 4-wire Resistance, CAP, Diode
Connectivity, Frequency, Period, Any Sensor, Temperature: RTD, THERM, TC (B/E/J/K/N/R/S/T)
Measurement Speed 10k readings/sec
2. PC Interface : USB Host, USB Device, LAN(LXI- C)
3. All specifications are ensured only under a single display.
4. Accuracy : \pm (% of reading + % of range)
5. 20% over range on all ranges, except 1000Vdc, 750Vac and 10A.
6. Resistance is for 4-wire ohms function, or 2-wire ohms with REL on.
7. 750Vac range limited to 100kHz
8. AC Characteristics are for sine wave input > 5% of range

SPECIFICATIONS

1. DC Voltage : 100.0000 mV, 1.000000 V, 10.00000 V, 100.0000 V, 1000.000 V
2. Resistance : 100.0000 Ω , 1.000000 k Ω , 10.00000 k Ω , 100.0000 k Ω , 1.000000 M Ω ,
10.00000 M Ω , 100.0000 M Ω
3. DC Current : 100.0000 μ A, 1.000000 mA, 10.00000 mA, 100.0000 mA, 1.000000 A.
10.00000 A
4. Continuity : 1000.000 Ω
5. Diode Test : 1.000000 V
6. True RMS AC Voltage : 100.0000 mV, 1.000000 V to 750.000 V
7. True RMS AC Current : 1.000000 mA, 10.00000 mA, 100.0000 mA, 1.000000 A, 10.00000 A
8. Frequency / Period : 100.0000mV to 750.000V
9. Temperature (RTD) : 200 $^{\circ}$ C ~ 600 $^{\circ}$ C
10. Temperature (Thermocouple) -200 $^{\circ}$ C ~ + 1372 $^{\circ}$ C, -50 $^{\circ}$ C ~ + 1820 $^{\circ}$ C
11. Display : VFD, Tow Colors Display
12. Interface (Standard) RS -232C, USB, Digital I/O
13. Interface (option) GPIB, LAN (either GPIB or LAN can be installed on each GDM-8261A)
14. Power Source : 220 V / 240 V \pm 10%;
15. Power consumption : Max. 25VA

Accessories

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6. 3GHZ SPECTRUM ANALYZER WITH BUILT-IN TRACKING GENERATOR

FEATURES

1. Frequency Range 9 kHz to 3.2 GHz
2. Resolution - Bandwidth (-3dB) : 10 Hz to 1 Mhz
3. Built in Tracking Generator
4. Min. -148 dBm Displayed Average Noise Level
5. Display : 8" TFT
6. PC Interface: USB Host & Device, LAN(LXI)

SPECIFICATIONS

1. DSA832E Spectrum Analyzer, 9 kHz to 3.2 GHz
2. All-Digital IF Technology
3. Frequency Range from 9 kHz to 3.2 GHz
4. Min. -148 dBm Displayed Average Noise Level (Typ.)
5. Min. <-90 dBc/Hz @ 10 kHz Offset Phase Noise
6. Level Measurement Uncertainty <1.0 dB
7. 10 Hz Minimum Resolution Bandwidth
8. Up to 3.2 GHz Tracking Generator (DSA832E-TG)
9. Advanced Measurement Functions (Opt.)
10. EMI Filter & Quasi-Peak Detector Kit (Opt.)
11. VSWR Measurement Kit (Opt.)
12. PC Software (Opt.)
13. Optional RF TX/RX Training Kit
14. Optional RF Accessories (Cable, Adaptor, Attenuator, Bridge ...)
15. Complete Connectivity: LAN (LXI), USB Host & Device, GPIB (Opt.)
16. 8 Inch WVGA (800×480) Display
17. Compact Size, Light Weight Design

Accessories

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