Product DATASHEET

5MHz Dual Channel MultiScope™

Oscilloscope and Autoranging True RMS Digital MultiMeter

Features:

- Easy to use menu driven operation
- Internal or External Triggering
- Auto or Manual setup for horizontal and vertical scaling
- Single shot mode
- Window freeze locks waveform in the display
- Roll Mode for slow repetition waveforms
- Store and Recall up to 16 waveforms and setups
- Sampling Time: 25MS/s Dual Channel; 50MS/s Single Channel
- 132 x 128 Pixel Super-Twist two level backlit display
- Data Hold and Low Battery indication
- Multimeter functions include AC/DC Voltage, Resistance, Continuity, Frequency, RPM, Pulse Width, and % Duty Cycle
- RS-232 PC Interface and software for transferring waveforms and data
- Complete with four test leads, four alligator clips, protective holster, Ni-MH battery pack, AC Adaptor/Charger, RS-232 Cable, Windows® 95/98/NT/2000/ME/XP compatible software, and carrying case

CAT III - 600V

Specifications:	Oscilloscope
Bandwidth	5MHz
Max. Sample Rate per Channel	25MS/s (dual channel); 50MS/s (single channel)
Record Length	512 single shot; 256 all other modes
Sample Mode	Single shot, Roll, Normal
Max Vertical Sensitivity	50mV
Max Input Voltage	600V DC or AC rms
Trigger Modes	Auto, Normal, Single
Trigger Source	Channel A, Channel B, External
Trigger Coupling	AC, DC
Timebase	1μS to 5S
Input Impedance	1ΜΩ
Specifications:	Multimeter
Specifications: DC Voltage	Multimeter 0.001V to 1000V (0.3% basic accuracy)
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DC Voltage	0.001V to 1000V (0.3% basic accuracy)
DC Voltage AC Voltage (TRMS)	0.001V to 1000V (0.3% basic accuracy) 0.001 to 750V (50-20kHz bandwidth) 0.001kΩ to 5 MΩ Test voltage 1.7V; threshold 100 digits
DC Voltage AC Voltage (TRMS) Resistance Continuity Frequency	0.001V to 1000V (0.3% basic accuracy) 0.001 to 750V (50-20kHz bandwidth) 0.001kΩ to 5MΩ
DC Voltage AC Voltage (TRMS) Resistance Continuity	0.001V to 1000V (0.3% basic accuracy) 0.001 to 750V (50-20kHz bandwidth) 0.001kΩ to 5 MΩ Test voltage 1.7V; threshold 100 digits
DC Voltage AC Voltage (TRMS) Resistance Continuity Frequency RPM Pulse Width	0.001V to 1000V (0.3% basic accuracy) 0.001 to 750V (50-20kHz bandwidth) 0.001k Ω to 5M Ω Test voltage 1.7V; threshold 100 digits 0.01Hz to 10MHz 240-60,000 2 μ s to 500ms
DC Voltage AC Voltage (TRMS) Resistance Continuity Frequency RPM Pulse Width Duty Cycle	$\begin{array}{c} 0.001 V \ to \ 1000 V \ (0.3\% \ basic \ accuracy) \\ 0.001 \ to \ 750 V \ (50-20 kHz \ bandwidth) \\ 0.001 k\Omega \ to \ 5M\Omega \\ \hline \text{Test voltage 1.7V}; \ threshold \ 100 \ digits \\ 0.01 Hz \ to \ 10M Hz \\ 240-60,000 \\ 2\mu s \ to \ 500 ms \\ 25\% \ to \ 75\% \\ \end{array}$
DC Voltage AC Voltage (TRMS) Resistance Continuity Frequency RPM Pulse Width Duty Cycle Dimensions	$\begin{array}{c} 0.001 V \ to \ 1000 V \ (0.3\% \ basic \ accuracy) \\ 0.001 \ to \ 750 V \ (50-20 \text{kHz} \ bandwidth) \\ 0.001 \ to \ 5M \Omega \\ \hline \text{Test voltage 1.7V; threshold 100 digits} \\ 0.01 \ \text{Iz to 10MHz} \\ 240-60,000 \\ 2 \ \text{Iz to 500ms} \\ 25\% \ \text{to } 75\% \\ \hline 7.7x3.5x1.6" \ (195x90x40mm) \end{array}$
DC Voltage AC Voltage (TRMS) Resistance Continuity Frequency RPM Pulse Width Duty Cycle	$\begin{array}{c} 0.001 V \ to \ 1000 V \ (0.3\% \ basic \ accuracy) \\ 0.001 \ to \ 750 V \ (50-20 kHz \ bandwidth) \\ 0.001 k\Omega \ to \ 5M\Omega \\ \hline \text{Test voltage 1.7V}; \ threshold \ 100 \ digits \\ 0.01 Hz \ to \ 10M Hz \\ 240-60,000 \\ 2\mu s \ to \ 500 ms \\ 25\% \ to \ 75\% \\ \end{array}$

Ordering Information:

3812955 MHz Dual Channel MultiScope® (110V) 381295-220 5 MHz Dual Channel MultiScope® (220V)



