



SM 1021M - N, first colorful display handheld scope reserves all the measurement functions with 20MHz bandwidth at 100MS/s sample rate. Single channel minimizes the whole product energy consumption and shapes a friendly using environment. TFT true color display is a great challenge to all traditional low-cost handheld DSO with mono color display and optimize test condition. The combination of DSO and DMM highly improve test efficiency and convenience.

Features

1. Autoscale
2. 20 Automatic Measurements
3. 2 in 1 (DSO+ Multimeter)
4. Bandwidth: 20MHz
5. Single channel
6. Support USB for data transmission
7. TFT true color display (65535 colors)
8. Replaceable li-ion battery back up (6 hours)

Specifications	
Bandwidth	20MHz
Sample Rate (Real time)	100MS/s
Horizontal Scale(S/div)	dns/div~100s/div,step by 1~2.5~5
Rise time(at input, typical)	<17.5ns
Display 3.5" color TFT display	(320x240 pixels)
Channels	Single
Input impedance	1MΩ±2% in parallel with 20pF ± 3pF
Record length	Max. 6000 points on each channel
Interpolation	(sin x)/x
Probe attenuation factor	1X, 10X, 100X, 1000X
Input coupling	DC, AC, GND
DC accuracy(Average)	Average >16:±(3% reading +0.05div) for DV
Vertical Sensitivity (A/D)	5mV/div ~ 5V/div (at input)
Vertical resolution	8 bit
Max. Input Voltage 400V	(PK-PK) (DC + AC PK-PK, 1MΩ input impedance, Probe attenuation 10:1)
Trigger Type	Edge, Video
Trigger Mode	Auto, Normal, Single
Trigger level	+6 divisions from screen center
Acquisition modes	Sample, Peak Detect and Average
DC gain accuracy	±3%
Waveform math	Unavailable
Waveform storage	4 waveforms
Communication interface	USB
Power supply	100V-240V AC, 50/60Hz
Li-ion battery	7.4V, 6 hours operation

Note: Specifications are subject to change.

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