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Wave Rambler Pen- type PC Oscilloscope

+ 25MHz bandwidth
+ 100MS/s sample rate
+ 5K record length
+ FFT function
+ human engineering design
+ multi- action mode via creative trackball
+ multi- trigger option : edge, slope, and pulse
+ 5mV micro signal supported
+ USB bus powering, and optional USB isolated function
+ easy portability, pocket accommodated

+ Performance Specifications

Model	RDS1021	RDS1021I
Bandwidth	25MHz	
Sample Rate	100MSa/s	
Horizontal Scale (s/div)	5ns/div - 100s/div, step by 1- 2 - 5	
Rise Time	⩽14ns	
Record Length	5K	
Input Coupling	DC, AC , and GND	
Input Impedance	10MΩ±2% (X 10), 1MΩ±2% (X1)	
Input Capacitance	25pF±5pF (X10), 40pF±5pF (X1)	
Max Input Voltage	50V (PK - PK) (DC + AC, PK - PK)	400V (PK - PK) (DC + AC, PK - PK)
DC Gain Accuracy	±3%	
DC Accuracy (average)	average≥16 : ±(3% reading + 0.05 div) for △V	
Analog Bandwidth	25MHz	
Probe Attenuation Factor	1X, 10X	
LF Respond (AC, -3dB)	≥10Hz	
Interpolation	Sin(x)/x	
Displacement	±10 divisions	
Interval (△T) Accuracy (full bandwidth)	Single : ±(1 inter val time + 100ppm × reading + 0.6ns), Average>16 : ±(1 inter val time + 100ppm × reading + 0.4ns)	
Vertical Resolution (A/D)	8 bits	
Vertical Sensitivity	5mV/div - 5V/div	
Trigger Type	Edge, Pulse, Slope	

Trigger Mode	Auto, Normal, Single
rigger Level	±5 divisions from screen center
Acquisition Mode	Sample, Peak Detect and Average
Cursor Measurement	△ V and △T between cursors
Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty
Waveform Math	FFT
Communication Interface	USB2.0
Dimension (W×H×D)	150× 20× 18(mm)
Weight (without package)	0.27kg

Specifications subject to change without prior notice.

+ Application

design and debug circuit function test education and training

+ Accessories

The accessories subject to final deliver y.


Grounding Clamp


Protection Cover


USB Cable

Manual


CD Rom