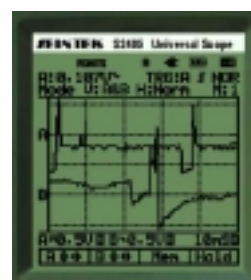


## SEINTEK® S2405 Programmable Universal Scope

### Features



- Dual Channel and Auto Calibration.
- DC to **5MHz** Oscilloscope band width
- Sampling Time  
Dual CH mode: **25 Ms/S**  
Single CH mode: **50 Ms/S**
- Automatic Triggering.
- Automatic setting for horizontal and vertical division
- Roll and Single shot mode
- Excellent internal noise reduction
- Real time Update.
- Auto ranging.
- 16 shot waveform and setup memories
- Built-in auto ranging True-RMS digital multi-meter
- Data hold and run mode.
- Extra Bright Back light display
- Low battery indication.
- Max. Voltage between any Input and Ground: DC or AC 600Vpeak
- RS-232 interfaces for transferring measurement data and waveform.
- Display Type: Super-Twist 132 x 128 pixels
- Designed to comply with safety standard for UL3111, CSA C22.2 No.1010-1



LCD Display

## Electrical Specifications

### Oscilloscope Function

#### Horizontal

Sample Rate	50 MS/s (Single CH) 25 MS/s (Dual CH)
Record Length	512 in single shot mode and 256 in all other modes.
Sample / Div	25
Update Rate	Real Time
Modes	Single shot, Roll, Normal
Accuracy	0.01%
Sweep Rate	1 $\mu$ S to 5S in 1, 2, 5 sequence

#### Vertical

Bandwidth	DC-5MHz
Resolution	8 Bit
Channels	Dual
Coupling	AC, DC
Input impedance	1 M $\Omega$
Accuracy	3%
Max. Input Volts	DC or AC 600Vp
Volt / Division	50mV to 500V in 1, 2, 5 sequence

#### Triggering

Type	Internal, External
Coupling	AC, DC
Slope	$\uparrow$ or $\downarrow$ edge
Internal Sensitivity	2 / 20 Division

#### Other

Wave Form Memory	16 Shots
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### Digital MultiMeter Function

	Range	Resolution	Accuracy	Impedance		
<b>DC V</b>	5V	0.001V	$\pm(0.3\%+3)$	1 M $\Omega$		
	50V	0.01V				
	500V	0.1V	$\pm(0.5\%+5)$			
	1000V	1V				
<b>ACV</b>	Range	Resolution	Accuracy		Impedance	
	3V	0.001V	50~450Hz	0.45k~5kHz		5k~20kHz
	30V	0.01V	$\pm(0.75\%+5)$	$\pm(2\%+5)$		$\pm(2.5\%+5)$
	300V	0.1V				
	750V	1V	N/A			
<b>OHM</b>	Range	Resolution	Accuracy	Over Load Protection		
	5 k $\Omega$	0.001 k $\Omega$	$\pm(0.5\%+5)$	600V DC or AC Peak		
	50 k $\Omega$	0.01 k $\Omega$				
	500 k $\Omega$	0.1 k $\Omega$	$\pm(0.75\%+10)$			
5 M $\Omega$	0.001 M $\Omega$					
<b>Continuity Buzzer</b>	Test Voltage		Threshold	Over Load Protection		
	1.7V		100 digits	600V DC or AC Peak		
<b>Frequency</b> (Full Auto Range)	Range	Resolution	Accuracy	Over Load Protection		
	100 Hz	0.01 Hz	$\pm(0.05\%+5)$	600V DC or AC Peak		
	1 kHz	0.0001 kHz				
	10 kHz	0.001 kHz				
	100 kHz	0.01 kHz				
1 MHz	0.0001 MHz					
<b>RPM</b>	Range	Resolution	Accuracy			
	240 – 60,000	1 RPM	$\pm(0.05\%+5)$			
<b>Pulse Width</b>	Range	2 $\mu$ S – 500mS (Pulse Width > 2 $\mu$ S)				
<b>% Duty</b>	Range	25% - 75%				
<b>General</b>	Power Requirement		Ni-MH Battery 4.8V (1.2V x 4 cell)			
	Battery Life Time		4 Hours with Backlight off, 3 Hours with Backlight on			
	Dimensions / Weight		90(W) x 195(H) x 40(D) mm / About 260g			
	Standard Accessories		Users Manual, Test Leads (2), Ni-MH Battery Pack, AC Power & Rechargeable Adaptor			
	Optional Accessories		RS232 Cable & S/W, Rubber Holster, Carrying Case			
<b>Packing Details</b>	Packing	Q'ty	Size (mm)	N.W. (kg)	G.W. (kg)	
	Inner	1	290(L) x 270(W) x 80(H)	-	2.5	
	Carton	5	420(L) x 310(W) x 330(H)	12.5	14	