

# Handheld Digital Scope Meter

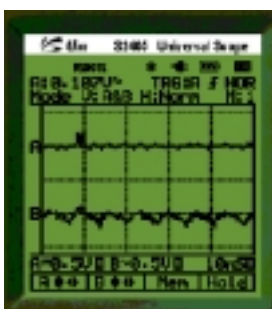
## S2401(1MHz)/ S2405(5MHz)

### ■ FEATURE

- Dual Channel and Auto Calibration.
- DC to 1MHz(S2401) / **5MHz(S2405)** Oscilloscope band width
- Sampling Time : Dual CH mode: **25 Ms/S**,  
Single CH mode: **50 Ms/S**
- Auto Calibration
- Auto 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

## ■ Technical Specification

Oscilloscope Function			
▪ Horizontal		▪ Vertical	
Sample Rate	50 MS/s (Single CH) 25 MS/s (Dual CH)	Bandwidth	DC-1MHz(S2401), DC-5MHz(S2405)
Record Length	512 in single shot mode and 256 in all other modes.	Resolution	8 Bit
Sample / Div	25	Channels	Dual
Update Rate	Real Time	Coupling	AC, DC
Modes	Single shot, Roll, Normal	Input impedance	1 MΩ
Accuracy	0.01%	Accuracy	3%
Sweep Rate	1μS to 5S in 1, 2, 5 sequence	Max. Input Volts	DC or AC 600Vrms
		Volt / Division	0.5V to 500V in 1, 2, 5 sequence
▪ Triggering		▪ Other	
Type	Internal, External	Wave Form Memory	16 Shots
Coupling	AC, DC		
Slope	↑ or ↓ edge		
Internal Sensitivity	2 / 20 Division		

Digital MultiMeter Function						
DC V	Range	Resolution	Accuracy		Impedance  1 MΩ	
	5V	0.001V	±(0.3%+3)			
	50V	0.01V				
	500V	0.1V	±(0.5%+5)			
ACV	Range	Resolution	50~450Hz	0.45k~5kHz	5k~20kHz	Impedance  1 MΩ
	3V	0.001V	±(0.75%+5)	±(2%+5)	±(2.5%+5)	
	30V	0.01V				
	300V	0.1V				
	750V	1V	N/A			
OHM	Range	Resolution	Accuracy		Over Load Protection	
	5 kΩ	0.001 kΩ	±(0.5%+5)		600V DC or AC rms	
	50 kΩ	0.01 kΩ				
	500 kΩ	0.1 kΩ	±(0.75%+10)			
Continuity Buzzer	Test Voltage		Threshold		Over Load Protection	
	1.7V		100 digits		600V DC or AC rms	
Frequency (Full Auto Range) (10MHz is SS2405 only)	Range	Resolution	Accuracy		Over Load Protection	
	100 Hz	0.01 Hz	±(0.05%+5)		600V DC or AC rms	
	1 kHz	0.0001 kHz				
	10 kHz	0.001 kHz				
	100 kHz	0.01 kHz				
	1 MHz	0.0001 MHz				
RPM	Range		Resolution		Accuracy	
	240 – 60,000		1 RPM		±(0.05%+5)	
Pulse Width	Range		2μS – 500mS (Pulse Width > 2μS)			
% Duty	Range		25% - 75%			
General	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 460g			
	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			
Packing Details	Packing	Q'ty	Size (mm)		N.W. (kg)	G.W. (kg)
	Inner	1				
	Carton	8				