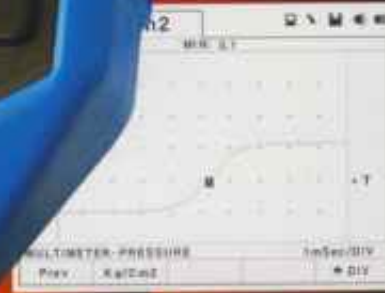
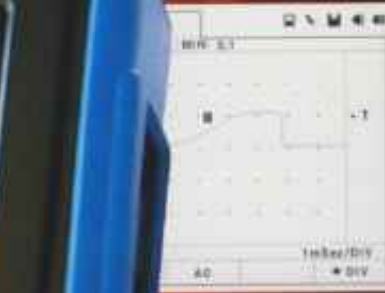
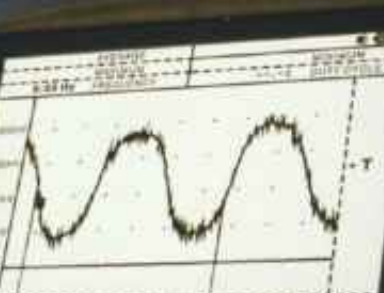
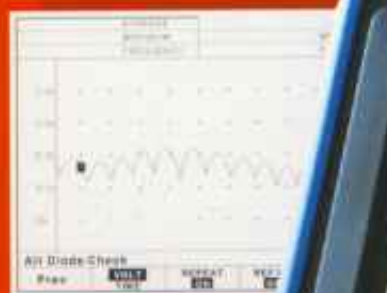
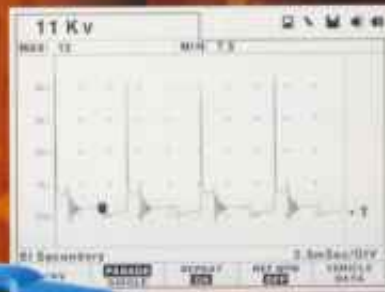


ULTRASCOPE

High efficiency of Automotive Oscilloscope for specialists

High speed of Dual Channel Oscilloscope & Multimeter



Features

- Super Fast Oscilloscope.
- High-Accuracy Multimeter.
- Portable & Easy Operation.
- 320*240 CCFL Backlit LCD.
- Dual Chanel.
- Real Time Renewal.
- Auto Calibration.
- Auto Triggering.
- Reference Wave Form Saved.
- USB Interface With PC.
- Low Charging Battery Voltage Indication.
- Maximum Input Voltage : DC Or AC 600v Peak.
- UI3111, CSA C22.2 No. 1010-1 Designed By The Standard Of Safety.



Specifications

Oscilloscope

Horizontal

Sample Rate	25 Ms/s(Dual CH mode) 50 Ms/s(Single CH mode)
Record Length	512 in single shot mode 256 in all other modes
Sample/Division	25
Update Rate	Real time
Modes	Single shot, Roll, Normal
Accuracy	0.01%
Sweep Rate	1uS to 5S in 1, 2, 5 sequence

Vertical

Bandwidth	1MHz
Resolution	8 Bit
Channels	Dual
Coupling	AC, DC
Input Impedance	1 M Ω
Accuracy	3%
Max input Voltage	DC or AC 600vrms
Volt / Division	0.5mV to 500V in 1,2,5 in sequence 50mV to 50kV for ignition Secondary

Triggering

Source	Internal, External
Coupling	AC, DC
Slope	Rising Or Falling edge
Trig Sensitivity	2/20 Division

Other

Waveform Memory	8 Shot
Reference Waveform	45 Shot
Ignition Analyzer	primary & Secondary Ignition Conventional and DLI/DIS Peak Voltage, Burn time & Voltage

Multimeter

DC V

Range	Resolution	Accuracy	Impedance
5V	0.001V	$\pm (0.3\%+3)$	1M Ω
50V	0.01V		
500V	0.1V		
1000V	1V	$\pm (0.5\%+5)$	

AC V

Range	Resolution	Accuracy			Impedance
		50-450Hz	0.45-5kHz	5kHz-20kHz	
3V	0.001V	$\pm (0.3\%+3)$	$\pm (0.75\%+5)$	$\pm (2\%+5)$	1M Ω
30V	0.01V				
300V	0.1V				
750V	1V	$\pm (0.5\%+5)$		N/A	

OHM

Range	Resolution	Accuracy	Over Load Protection
5k Ω	0.001k Ω	$\pm (0.5\%+5)$	600V DC or AC rms
50k Ω	0.01k Ω		
500k Ω	0.1k Ω		
5M Ω	0.001M Ω		

Continuity Test(Buzzer)

Test Voltage	Threshold	Over Load protection
1.7V	100Digits	600VDC Or AC Peak

Optional Function

Temperature	0 ~ 200 $^{\circ}$ C (Max 300 $^{\circ}$ C)
Pressure	0 ~ 50Kg/Cm2
Ampere	0~4Amp, 0~40Amp, 0~400Amp

General Specifications

Operating Temp	0 $^{\circ}$ C-50 $^{\circ}$ C(32 $^{\circ}$ F-122 $^{\circ}$ F) humidity 75% or less
Power Supply	Ni-MH 4.8V
Battery Life Time	3hours without backlit/2hour backlit ON
Display Type	320X240 LCD(CCFL backlit)
Dimensions	164mm(width)x58mm(depth)x256mm(height)
Weight	1kg