AT-H551C

5-in-1 Handheld Scopemeter

Features

- 50MHz digital storage oscilloscope.
- 6 ½ Auto-range digital multimeter.
- DDS function generator: 10Hz ~ 156 kHz
- Frequency/duty ratio test : 60MHz
- 156kHz auto-range inductance test
- Capacitance measurement range up to 66000μF
- 60MΩ resistance test (LCR)
- Remote control / crystal oscillator test
- 400 sets data storage
- USB interface & PC software

AT-H551C is unique all-in-one multifunction test instrument comprise of 50MHz Single Channel Oscilloscope, 6600 count high precision Digital Multimeter, Function Generator, 60MΩ LCR Meter and Frequency counter. It has a large 3.8", 320 × 240 pixels LCD High Density Back-Lit Graphical display. Convenient and agile auto measure functions, with all measurement parameters adjustable.

In multimeter mode, both alternative current and voltage can be tested with one single probe input. No need to change probes. One single key-press can directly show the waveform of the signal. Capacitance measurement range up to 66000μF, and the measurement takes only a few seconds. Function signal output available, ranging from 10Hz to 156kHz. Real-time waveform is displayed simultaneously. Inter turn short-circuit test available. High frequency test designed for small inductance.

It's a compact and hand held size with re-chargeable battery makes it your ideal companion for the ideal for on-field operation. Measuring and testing just became easier and more affordable than ever.

Technical Specifications

AT-H551C
5-in-1 Handheld Scopemeter

Digital Storage Oscilloscope

Bandwidth	DC~50MHz (X10 Probe) DC~6MHz (X1 Probe)
Sampling Rate	200M Sample/Sec (Single Ch)
Mode	Normal, TV, Single Trig, Norm--Amplitude/Time
	Base, TV--TV-H, TV-V, Sync
Input	DC, AC
Input Impedance	1MOhm/20pF
Probe	X, X10
Probe Select	X1, X10, X100
Max Input volt.	300V p-p
A/D Converter	8-bits
Readout	Positive Peak, Negative Peak, Peak-Peak,
	Frequency, Duty Cycle, TrueRMS
Vertical Sensitivity	10mV/div to 50V/div in 1, 2, 5 Steps
Sweep Rate	5ns/div to 2.5s/div
Waveform Interpolation	(sinx) /x
Waveform storage	40sets

Digital Multimeter & LCR

Maximum Counts	6600 counts
Auto Range AC/DCV	6V/60V/600V
Manual Range AC/DCV	600mV/6V/60V/600V
Frequency Response	40Hz to 50kHz (6V to 100V)
Auto Range AC/DCA	60mA/600mA and 10A(with Adaptor)
Frequency Response	40Hz to 5kHz

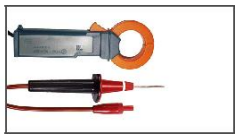
DMM Mode

ACV	600mA/6V/60V/600V/1000V
ACA	60mA/600mA/10A
Resistance	600/6k/60k/600k/6M/60MΩ
Capacitance	6.6n/66n/660n/0.6u/66u/660u/6.6m/66mF
Capacitance Test Time	<1.2 Sec (@6000uF)
Inductance	10u/100u/1m/10m/100m/1H/2H
Resolution	0.1uH
Frequency	10Hz to 60MHz (500V rms)
Duty Cycle	10% to 94.9%

Optional accessories

Household appliances service accessories
(Color TV signal generator, and color display signal generator)

Cell phone service accessories
(including 2.4G Frequency counter, power supply, etc for Signal field intensity test and other tests.)



High voltage/big current test accessories
(High voltage probe, clamp)

Signal Generator

Signal Output Amplitude	4.6V p-p
Sine Wave	10Hz to 156kHz
Square Wave	10Hz to 156kHz (Duty cycle 1:1)
Triangle Wave	10Hz to 156kHz
	1kHz to 100kHz, Step 100Hz
Positive Saw Wave	10Hz to 156kHz
Negative Saw Wave	10Hz to 156kHz
T Square Wave	(1) 15625Hz (TV)
	(2) 1000Hz (Calibrate Signal)
	(3) 200uS
	(4) 400uS (TV Transformer Test)
Frequency Range	10Hz to 100Hz, Step 1Hz
	100Hz to 1000Hz, Step 10Hz

Data Storage

Storage Memory	200 sets
Auto Storage Memory	200 Sets (Voltage)
Relative Mode	Ohm, Cap, A mode

Others

Remote Control Test	38kHz Infrared Receiver
Crystal Oscillator Test	32kHz to 10MHz
Transistor hFE Test	30 to 1000
Backlight	White LED with Brightness Control
10A Current Test with External Adapter	
LCD Resolution	320x240 pixels
LCD Window Size	78x58mm
LCD Contrast	Manual Control

Standard Accessories

- Oscilloscope probes
- Signal Generator cable
- Current Adapter
- Triode/Crystal oscillator
- PC Software CD
- Multimeter probes
- LC test cable
- Charger
- USB cable
- User manual

Soft carry case for storing as well as convenient use during onfield operation

GRATTEN TECHNOLOGY

AP-FLYER sp. z o.o.
Ul. Okrężna 9,
02-916 Warszawa,
Tel.: 22 492 0300
e-mail: info@ap-flyer.pl
www.ap-flyer.pl

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