

# Тестеры АТ-9135, ВТ-120, RT-05, АС-8М, АС-9М, ЕМФ-90, СТ-050, SMD-100

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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: [mce@nt-rt.ru](mailto:mce@nt-rt.ru) || сайт: <https://cem.nt-rt.ru/>



EMC  
EN: 61326

Model AT-9135

Automotive Circuit Multi-Function Tester is an equipment used to test the automotive electrical system within 12 to 24 volts. It can save the testing hours for the automotive electrical system. It is designed to testing the system without re-connection between the vehicle battery and the testing components.

**Functions**

- Determine the polarity and circuit circumstance (short/open)
- Activating the components with positive or negative current without jumper wire
- Testing the continuity of the circuit
- Digital LCD display with backlight
- Locate missing cylinders
- Measuring frequency of the high-tension ignition pulses and we could calculate the rotational speed of engine according to the measured frequency
- Peak detection
- Testing the voltage of the circuit and the voltage reading will be indicated on the LCD display within 1/10th of a volt

**Size(HxWxD):** 240mm x 78mm x 40mm

**Weight:**200g

**CF-09 Automotive Current Short Tester**

The automotive current short tester can test vehicle's short-circuit current range from 10 to 30 amp with CF-01/CF-01S adapters. LED indicate the circuit range. It is convenient to operate.

**Features**

- Determine the circuit circumstance(short or open)
- LED indication
- Over-load audible warning
- Manual and automatic test function
- Measurement current range:10A,15A,20A, 25A, 30A.
- Power charge by vehicle battery

**Size(HxWxD):** 200mm x 78mm x 44mm

**Weight:**206g

**Accessories:** CF-01/CF-01S adapter, Gift box.

Model CF-09



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**DT-9010 Automotive Circuit Voltage Tester**

Model 9010

**Features**

- Test common automotive circuits up to 12 volts
- Bright 360 degree visual indication
- Alligator clip connects to ground
- Long flexible test lead
- Quickly test automotive circuits for proper voltage
- Tests auto wiring, fuses, battery source

**Size(HxWxD):**189mm x 26.5mm x 2.6mm

**Weight:** 60g



Battery Conductance and Electrical System Analyzer can be used to detect 6 volt-12 volt ordinary lead-acid batteries. It can display test results in seconds.

Features	
Test battery testing ranges from 100 to 2000 CCA	
Detect bad cells	
Test deep discharge battery	
Protect against reverse polarity	
Multiple battery rating systems: CCA, JIS, EN, DIN, SAE, IEC	

Size(HxWxD): 168mm x 78mm x 38mm  
Weight: 265g



Model BT-120

## Automotive Testers

### RT-05 Automotive Relay Tester

Quickly and accurately test 3 terminal electro-mechanical relays for many domestic and imported automobiles. The Automotive relay tester will interrogate and identify an unknown relay terminal configuration then self configure its own internal circuitry to perform all required test functions automatically. The Automotive relay tester can be used to perform the following tests: coil resistance, surge suppression device (resistor or diode), open/closed contact integrity, contact cyclic testing for intermittent failure detection, loaded contact continuity, relay contacts stuck open or closed and time to contact closure and opening. Unit automatically indicates test results with a series of red, green and yellow performance lights.

#### Specifications

Coil Resistance	20 to 500 ohms (includes any parallel transient suppression resistors)
Coil Test Voltage	9 Volts
Contact Resistance Threshold	200 Milliohms

Size(HxWxD): 128mm x 68mm x 30mm  
Weight: 185g

**Accessories:**  
One 9V battery, clamshell

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Model RT-05



## AC-8M/AC-9M Magnet Space Testers

### GENERAL APPLICATIONS

- Testing operating solenoid valves in pneumatic and hydraulic control equipment
- Testing relays with coils and electrically controlled solenoid valves in all types of vehicles and machineries
- Testing solenoid valves when servicing oil burners, the test lamp lights immediately and without metallic contact where there is a magnetic field, e.g. an activated coil in a solenoid valve. The test lamp responds to all kind of magnetic fields -from alternating current to direct current and to permanent magnets.

**Size(HxWxD):** 158mm x 21mm x 25mm (AC-8M)

**Weight:** 34g

#### Accessories:

Two "AAA" batteries and clamshell



Model AC-8M

Model AC-9M

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Model BS-050

Model CT-050

**Size(HxWxD):** 135mm x 68mm x 30mm

**Weight:** 173g

#### Accessories:

3.7V 1400mAh Li battery, gift box with carrying case.

## BS-050 Borescope / CT-050 Camera Tester

### Features (CT-050 Camera Tester )

Install 1400mAh Li battery

High definition 2.4" TFT LCD resolution 480x234

NTSC/PAL switch automatic

No video signal input, then will switch to standby model automatic.  
If video signal detected will arouse automatic and enter work state.

Easy to use and carry

### Specifications

		BS-050	CT-050
LCD screen type	2.4"TFT	*	*
LCD Pixels	480x234	*	*
The max number of frames(FPS)	30FPS/S	*	
Gooseneck length	1m(39")	*	
Camera diameter	17mm(0.66")	*	
Viewing distance	5cm to 15cm	*	
Viewing angle	68°	*	

# Multifunction EMF Meter

EMF-90 is a three-axis high-frequency electromagnetic wave tester. It adopts advanced high-frequency sensor technology and can be applied to high-frequency electromagnetic field test base, mobile phone, wireless network and other electronic wireless products.

## Features

- Test 100M to 8GHZ frequency range
- three-axis high-frequency Measurement
- Data-logger function
- Auto Power Off
- Data transfer to PC via USB(CSV or EXCEL files)
- Adjustable alarm threshold and memory function



Model EMF-90



## Specifications

Measurement Range	20mV/m to 200V/m
Absolute Tolerance (@1V/m 10MHz)	±1.0dB
Frequency Response	± 1.0dB (10MHz to 1.9 GHz)
	± 2.4dB (1.9GHz to 8GHz)
Isometric Deviation	±1.0dB @ f>10 MHz
Resolution	0.1mV/m

**Size(HxWxD):** 60mm x 116mm x 29mm

**Weight:** 115g

**Accessories:** Clamshell

## SMD-100 Smart Electronic Components Tester

SMD-100 has a changeable head for automatic scan check DC/AC Voltage, components (resistance, capacitance, diode and continuity) and circuit fault.

All inputs are protected according to EN 61010-1 CATIII 600V.

### Features

Automatic DCV or ACV selection, Capacitance, Resistance, Continuity and diode selection  
6000 counts LCD display  
Auto scan DC/AC Voltage, resistance, capacitance, diode and continuity  
Data Hold/MAX/MIN recording mode  
Auto Power Off  
Wide capacitance range  
Diode Check & Continuity Test

### Specifications

Function	Range	Basic Accuracy
Voltage DC	600mV/6V/60V/600V	±0.8%
Voltage AC	600mV/6V/60V/600V	±1.0%
Resistance (Ω)	600/60k/60k/600k/6M/60M	±1.0%
Capacitance (F)	6n/60n/600n/6μ/60μ/600μ/6m/60m	±3.5%
Diode check	Open voltage 2.8Vdc, test current 1mA.	
Continuity test	Threshold 35 Ω	

**Size(HxWxD):** 184mm x 37mm x 23mm

**Weight:** 76g

**Accessories:**

Two LR44(1.5V) button batteries and clamshell



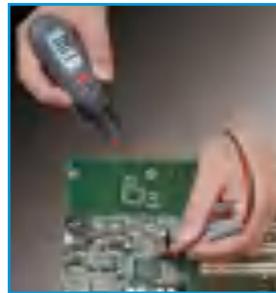
EMC & LVD

EN: 61326

EN: 61010-1

EN: 61010-02-032

EN: 61010-02-033



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Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +375-257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: [mce@nt-rt.ru](mailto:mce@nt-rt.ru) || сайт: <https://cem.nt-rt.ru/>