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Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
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Пенза (8412)22-31-16

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Ставрополь (8652)20-65-13

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Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
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MULTIMETER

CLAMP-ON CURRENT PROBE FOR TESTING DIRECT AND ALTERNATING CURRENTS UP TO A MAXIMUM OF 400 A, WITH RED/BLACK LEADS FOR CONNECTION TO AN MT 04, MT 07 OR MT 701 MULTITESTER



item number :
STZ 01 (041712)

DESCRIPTION

- For the measurement of direct and alternating currents up to max. 400 A in connection with Multitester MT 07, MT 701 or MT 09
- Robust and ergonomic housing
- Opening width of the clamp-on current probe \varnothing 52 mm
- Technical data:
- Alternating current (AAC rms) 0–400 AAC rms (2 ranges, 40 AAC rms, 400 AAC rms)
- Direct current (ADC) 0–400 ADC (2 ranges, 40 ADC, 400 ADC)
- Max. Voltage in measuring circuit 600 V rms
- Max. Frequency 400 Hz Output in 40 A range 10 mV/1A / in 400 A range 1 mV/1A
- Accuracy \pm (2% + 20 digits), 400 A (2% + 5 digits) @ 23° C \pm 5 °C
- Battery 9 V block
- Dimensions 200 x 90 x 35 mm (L x W x D)
- Weight 450 g

SCOPE OF DELIVERY

- 1 clamp-on current probe
- 1 flexible connecting lead red/black, length 1.60 m (4.6 ft)

CLAMP-ON CURRENT PROBE FOR TESTING DIRECT AND ALTERNATING CURRENTS UP TO A MAXIMUM OF 1000 A, WITH RED/BLACK LEADS FOR CONNECTION TO AN MT 07, MT 701 OR MT 09 MULTITESTER



item number :
STZ 02 (041718)

DESCRIPTION

- For the measurement of direct and alternating currents up to max. 1000 A in connection with Multitester MT 07, MT 701 or MT 09
- Robust and ergonomic housing
- Opening width of the clamp-on current probe \varnothing 52 mm

SCOPE OF DELIVERY

- 1 clamp-on current probe
- 1 flexible connecting lead red/black, length 1.60 m (4.6 ft)

INSULATION RESISTANCE TESTER



item number :
MTi 801 (041710_1)

DESCRIPTION

- Portable, convenient and battery-powered multimeter for quick and easy voltage and resistance measurement, continuity test and insulation measurement
 - The growing market for electric and hybrid vehicles means that even the most accurate measurements of resistance values are becoming increasingly important. The MTi 801 offers the perfect solution
 - Accurate and reliable measurements
 - Durable design (impact protection up to 3 m drop height)
 - The bar graph shows the measurement result in the usual analogue look
 - DMM functions (AC/DC, resistance and continuity)
 - Safety: CAT III 1000 V and CAT IV 600 V
 - Measurement option; Range; Resolution; Accuracy*+; Overload protection
- DC voltage (AC) 400.0 mV; 0.1 mV; $\pm(1.0\% + 8)$; 1000 Vrms

4.000 mV; 0.001 V; $\pm(1.0\% + 8)$; 1000 Vrms
 40.00 V; 0.01 V; $\pm(1.0\% + 8)$; 1000 Vrms
 400.0 V; 0.1 V; $\pm(1.0\% + 8)$; 1000 Vrms
 1000 V; 1 V; $\pm(1.0\% + 8)$; 1000 Vrms

Input impedance (nominal) 10 M Ω , < 100 pF

Reaction mean effective value

- Measurement option; Range; Resolution; Accuracy*; Overload protection

DC voltage (DC) 400.0 mV; 0.1 mV; $\pm(0.8\% + 10)$; 1000 Vrms
 4.000 mV; 0.001 V; $\pm(0.8\% + 10)$; 1000 Vrms
 40.00 V; 0.01 V; $\pm(0.8\% + 10)$; 1000 Vrms
 400.0 V; 0.1 V; $\pm(0.8\% + 10)$; 1000 Vrms
 1000 V; 1 V; $\pm(0.8\% + 10)$; 1000 Vrms

input impedance (nominal) 10 M Ω , < 100 pF

- Measurement option; Range; Resolution; Accuracy*; Overload protection

Resistance; 400.0 Ω ; 0.1 Ω ; $\pm(1.0\% + 5)$; 400 Vrms
 4.000 K Ω ; 0.001 K Ω ; $\pm(1.0\% + 5)$; 400 Vrms
 40.00 K Ω ; 0.01 K Ω ; $\pm(1.0\% + 5)$; 400 Vrms
 400.0 K Ω ; 0.1 K Ω ; $\pm(1.0\% + 5)$; 400 Vrms
 4.000 M Ω ; 0.001 M Ω ; $\pm(1.0\% + 5)$; 400 Vrms
 40.00 M Ω ; 0.01 M Ω ; $\pm(1.5\% + 10)$; 400 Vrms

input impedance (nominal) 10 M Ω , < 100 pF

- Measurement option; Output voltage; Display range; Resolution; Test current; Accuracy*

Insulation test	Output voltage	Display range	Resolution	Test current
100 K Ω ; (3% + 5)	100 V;	0.01 ~ 20.00 M Ω ;	0.01 M Ω ;	0.5 mA @
100 K Ω ; (3% + 5)	100 V;	20 ~ 100 M Ω ;	0.1 M Ω ;	0.5 mA @
250 K Ω ; (3% + 5)	250 V;	0.01 ~ 20.00 M Ω ;	0.01 M Ω ;	0.5 mA @
250 K Ω ; (3% + 5)	250 V;	20.0 ~ 200.00 M Ω ;	0.01 M Ω ;	0.5 mA @
500 K Ω ; (3% + 5)	500 V;	0.01 ~ 20.00 M Ω ;	0.01 M Ω ;	0.5 mA @
500 K Ω ; (3% + 5)	500 V;	20.0 ~ 200.0 M Ω ;	0.1 M Ω ;	0.5 mA @
500 K Ω ; (5% + 5)	500 V;	200 ~ 500 M Ω ;	1 M Ω ;	0.5 mA @
M Ω ; (3% + 5)	1000 V;	0.01 ~ 20.00 M Ω ;	0.01 M Ω ;	0.5 mA @ 1
M Ω ; (3% + 5)	1000 V;	20.0 ~ 200.0 M Ω ;	0.1 M Ω ;	0.5 mA @ 1
500 K Ω ; (5% + 5)	1000 V;	200 ~ 2000 M Ω ;	1 M Ω ;	0.5 mA @

Short-circuit test current (nominal) 0.5 mA

Automatic discharge/discharge time <1 sec. for C \leq 1 uF

Minimum of measurement 0.1 M Ω

- Measurement option; Overload protection; Open circuit voltage: Responding value; Continuity test 400 Vrms; < 0.44 V; < 40 Ω

* The accuracy is specified with \pm (% of the measured value + counter lowest digit) at 23 °C \pm 5 °C, with a relative humidity below 80%. 50 Hz ~ 60 Hz

- Dimensions: 178 x 89 x 48 mm
- Weight. 425 g
- Battery: 6x AAA batteries (NEDA 24 A or IEC LR03)

MULTIMETER IN SHOCK PROTECTED THERMOPLASTIC CASE WITH ROTARY SWITCH, 3 1/2" ILLUMINATED DIGITAL DISPLAY



item number :

MT 701 (041716_1)

DESCRIPTION

- Professional multimeter for car and commercial vehicle electrics and electronics
- Automatic polarity display and optical signal for overload and acoustic signal for continuity test
- With measurement value storage
- With additional possibility to connect the clamp-on current probe STZ 01, 0...400 A or STZ 02, 0...1000 A.
- Specifications:
 - Direct voltage (DC): 0 to 1000 V
 - Alternating voltage (AC): 0 to 1000 V (40 Hz to 400 Hz)
 - Accuracy: Direct voltage (DC) -0.5% / Alternating voltage (AC) -0.75%
 - Direct current (DC): 0 to 10 A (20 A for 30 seconds) Alternating current (AC): 0 to 10 A (20 A for 30 seconds)
 - Resistance (Ohm): 0 to 40 MΩ Capacity: 0.01 nF to 100 uF Frequency: 0.5 Hz to 10 MHz
 - Operating cycle: 0.1% to 99.9% at 0.5 Hz to 500kHz (for pulse width > 2usec.)
 - Diode measurement: 2.5 V
 - Continuity test: Acoustic signal at < 10 Ω (response time < 1ms)
 - Dimensions: 40 mm x 92 mm x 172 mm
 - Weight: 386 g
 - Battery: 9 V block

SCOPE OF DELIVERY

- 1 multimeter
- 1 test lead set red/black

SPARE PARTS

- ET 331 (121347) fuse for MT 701, 400 mA/1000 V
- ET 332 (121348) fuse for MT 701, 11 A/1000 V
- ET 247 (120426) test lead set

TABLE

Testing capability	Range	Accuracy	Resolution
Direct voltage (DC)	0 mV...1000 V	± 0.5% + 2 dig.	0.1 mV
Alternating voltage (AC)	0 mV...1000 V (40...400 Hz)	± 0.75% + 3 dig.	0.1 mV
Direct current (DC)	0 µA...10 A	± 1.0% + 2 dig.	0.1 µA
Alternating current (AC)	0 µA...10 A	± 1.0% + 5 dig.	0.1 µA
Resistance	0...10 MOhm	± 0.5% + 3 dig.	0.1 Ohm
Capacity	0.01 nF...100 µF	± 2.5% + 10 dig.	1 pF

Testing capability	Range	Accuracy	Resolution
Frequency	0.5 Hz...10 MHz	$\pm 0.02\% + 2 \text{ dig.}$	0.001 Hz
Continuity test	X		
Diode test	X		
IEC 1010 CAT. III	1000 V		

MULTIMETER IN RUBBER-PROTECTED PLASTIC CASE, WITH ROTARY SWITCH, 3 1/2 DIGIT DISPLAY



item number :

MT 07 (041708)

DESCRIPTION

- Professional multimeter for car and commercial vehicle electrics and electronics
- Automatic polarity display and optical signal for overload and acoustic signal for continuity test
- With measurement value storage
- Diode test: test voltage $< 3 \text{ V}$, short circuit current 1 mA
- Continuity test: 150 Ohm or less
- Technical data:

measuring options

DC voltage (DC); Range, accuracy; Resolution

200 mV ; $\pm 0.5\% \text{ rdg} + 1 \text{ dig}$; $100 \mu\text{V}$

2 V ; $\pm 0.5\% \text{ rdg} + 1 \text{ dig.}$; 1 mV

20 V ; $\pm 0.5\% \text{ rdg} + 1 \text{ dig.}$; 10 mV

200 V $\pm 0.5\% \text{ rdg} + 1 \text{ dig.}$; 100 mV

1000 V ; $\pm 0.5\% \text{ rdg} + 1 \text{ dig.}$; 1 V

Alternating current (AC); Range, accuracy; Resolution

200 mV ; $\pm 0.8\% + 3 \text{ dig.}$; $100 \mu\text{V}$

2 V ; $\pm 0.8\% + 3 \text{ dig.}$; 1 mV

20 V ; $\pm 0.8\% + 3 \text{ dig.}$; 10 mV

200 V ; $\pm 0.8\% + 3 \text{ dig.}$; 100 mV

750 V ; $\pm 1.2\% + 3 \text{ dig.}$; 1 V

Direct current (DC); Range, accuracy; Resolution

$200 \mu\text{A}$; $\pm 0.8\% + 1 \text{ dig.}$; $0.1 \mu\text{A}$

2 mA ; $\pm 0.8\% + 1 \text{ dig.}$; $1 \mu\text{A}$

20 mA ; $\pm 0.8\% + 1 \text{ dig.}$; $10 \mu\text{A}$

200 mA ; $\pm 0.8\% + 1 \text{ dig.}$; $100 \mu\text{A}$

2 A ; $\pm 0.8\% + 1 \text{ dig.}$; 1 mA

10 A ; $\pm 2\% + 10 \text{ dig.}$; 10 mA

Alternating current (AC); Range, accuracy; Resolution

$200 \mu\text{A}$; $\pm 1.0\% + 3 \text{ dig.}$; $0.1 \mu\text{A}$

2 mA ; $\pm 1.0\% + 3 \text{ dig.}$; $1 \mu\text{A}$

20 mA; $\pm 1.0\%$ + 3 dig.; 10 μ A
 200 mA; $\pm 1.0\%$ + 3 dig.; 100 μ A
 2 A; $\pm 1.0\%$ + 3 dig.; 1 mA
 10 A; $\pm 3\%$ + 10 dig.; 10 mA

Resistance; Range, accuracy; Resolution

200 Ohm; $\pm 0.5\%$ + 3 dig.; 0.1 Ohm
 2 kOhm; $\pm 0.5\%$ + 1 dig.; 1 Ohm
 20 kOhm; $\pm 0.5\%$ + 1 dig.; 10 Ohm
 200 kOhm; $\pm 0.5\%$ + 1 dig.; 100 kOhm
 2 MOhm; $\pm 0.5\%$ + 1 dig.; 1 kOhm 20 MOhm $\pm 1\%$ + 2 dig. 10 kOhm

Diode test: test voltage (open) < 3 V Short-circuit current approx. 1 mA

Continuity test: 150 Ohm or less

- Dimensions: 47 mm x 100 mm x 203 mm
- Weight: 610 g
- Battery: 9V, NEDA 1604 or 6F22 or 006P
- Safety: Protection class II according to 1010-1

SCOPE OF DELIVERY

- 1 multimeter MT 07
- 1 test lead set red/black

TABLE

Testing capability	Range	Accuracy	Resolution
Direct voltage (DC)	200 mV		100 μ V
	2 V		1 mV
	200 V		100 mV
	1 kV		1 V
Alternating voltage (AC)	200 mV		100 μ V
	2 V	$\pm 0.8\%$ + 3 dig.	1 mV
	20 V		10 mV
	200 V		100 mV
	750 V	$\pm 1.2\%$ + 3 dig.	1 V
Direct current (DC)	200 μ A		0.1 μ A
	2 mA		1 μ A
	20 mA	$\pm 0.8\%$ + 1 dig.	10 μ A
	200 mA		100 μ A
	2 A		1 mA
	10 A	$\pm 2\%$ + 10 dig.	10 mA
Alternating Current (AC)	200 μ A		0.1 μ A
	2 mA		1 μ A
	20 mA	± 1.0 + 3 dig.	10 μ A
	200 mA		100 μ A
	2 A		1 mA
	10 A	$\pm 3\%$ + 10 dig.	10 mA
Resistance	200 Ohm		0.1 Ohm
	2 kOhm		1 Ohm
	20 kOhm	$\pm 0.5\%$ + 1 dig.	10 Ohm
	200 kOhm		100 kOhm
	2 MOhm		1 kOhm
	20 MOhm	$\pm 1\%$ + 2 dig.	10 kOhm

UNIVERSAL MULTITESTER MT 09 INCL. SUPPLEMENTARY CLAMP-ON CURRENT PROBE STZ 01, 0...400 A.



item number :

MT 092 (041721_1)

DESCRIPTION

- Professional universal multimeter with clamp-on current probe 0...400 A, ideal for car and commercial vehicle electrics and electronics
- Multimeter description:
 - Digital, 4-digit LCD display and additional bar display
 - Overload protection with optical and acoustic signal. Automatic switch-off after 30 minutes
- Basic functions for the rotary switch:
 - DC and AC current measurement, DC and AC voltage measurement, resistance measurement, continuity test, diode test, temperature measurement, speed and frequency, etc.
- Button functions:
 - Hold = measurement value storage
 - REC = maximum, minimum and average value measurement
 - REL = relative measurement
 - RANGE = range (+/-), trigger cylinder cycles
 - % DUTY = pulse duty factor
 - DWL = closing angle, continuity measurement
 - DC/AC = switching between AC and DC or °F and °C
 - % duty cycle 0.9 - 99.9% (30 RPM - 19.999 RPM, pulse range > 2µs)
 - Closing angle 0.0 - 356.4° (30 RPM - 19.999 RPM, pulse range > 2µs)
 - Pulse ranges 0.002 - 199.9 ms (30 RPM - 19.999 RPM, pulse range > 2µs)
 - Continuous test 1.2 V - Diode test max. 2.5 mA - Meter sensitivity 150 mV
- Technical data:
 - Measurement options;
 - DC voltage (DC V); Range; Resolution; Accuracy; Input impedance
 - 4 V; 1 mV; $\pm(0.3\% + 2 \text{ dig.})$; approx. 11 MΩ
 - 40 V; 10 mV; $\pm(0.3\% + 2 \text{ dig.})$; approx. 10 MΩ
 - 400 V; 0.1 V; $\pm(0.75\% + 3 \text{ dig.})$; approx. 10 MΩ
 - 1000 V; 1 V; $\pm(0.75\% + 2 \text{ dig.})$; approx. 11 MΩ
 - DC voltage (DC mV); Range; Resolution; Accuracy; Input impedance
 - 400 mV; 0.1 mV; $\pm(0.3\% + 2 \text{ dig.})$; >100 MΩ
 - AC voltage (AC V [45 Hz to 1 KHz]); Range; Resolution; Accuracy; Input impedance
 - 4 V; 1 mV; 50 Hz - 60 Hz $\pm(0.75\% + 3 \text{ dig.})$ / 45 Hz - 1 KHz $\pm(2.5\% + 5 \text{ dig.})$; approx. 11 MΩ
 - 40 V; 10 mV; 50 Hz - 60 Hz $\pm(0.75\% + 3 \text{ dig.})$ / 45 Hz - 1 KHz $\pm(2.5\% + 5 \text{ dig.})$; approx. 10 MΩ
 - 400 V; 0.1 V; 50 Hz - 60 Hz $\pm(0.75\% + 3 \text{ dig.})$ / 45 Hz - 1 KHz $\pm(2.5\% + 5 \text{ dig.})$; approx. 10 MΩ
 - 750 V; 1 V; 50 Hz - 60 Hz $\pm(0.75\% + 3 \text{ dig.})$ / 45 Hz - 1 KHz $\pm(2.5\% + 5 \text{ dig.})$; approx. 10 MΩ
 - AC voltage (AC A [45 Hz to 1 KHz]); Range; Resolution; Accuracy; Input impedance
 - 400 µA; 0.1 µA; $\pm(0.5\% + 1 \text{ dig.})$; 100 µV/µA
 - 4000 µA; 1 µA; $\pm(0.5\% + 1 \text{ dig.})$; 100 µV/µA

40 mA; 0.01 mA; $\pm(0.5\% + 1 \text{ dig.})$; 1.2 mV/mA

400 mA; 0.1 mA; $\pm(0.5\% + 1 \text{ dig.})$; 1.2 mV/mA

4 A; 0.001 A; $\pm(1.0\% + 5 \text{ dig.})$; 75 mV/A

- Direct current (DC A); Range; Resolution; Accuracy; Input impedance

10 A; 0.01 mA; $\pm(1.0\% + 5 \text{ dig.})$; 75 mV/A

400 μ A; 0.1 μ A; $\pm(1.0\% + 5 \text{ dig.})$; 100 μ V/mA

4000 μ A; 1 μ A; $\pm(1.0\% + 5 \text{ dig.})$; 1.2 mV/mA

40 mA; 0.01 mA; $\pm(1.0\% + 5 \text{ dig.})$; 1.2 mV/mA

400 mA; 0.1 mA; $\pm(1.0\% + 5 \text{ dig.})$; 1.2 mV/mA

4 A; 0.001 A; $\pm(1.0\% + 5 \text{ dig.})$; 75 mV/A

10 A; 0.01 A; $\pm(1.0\% + 5 \text{ dig.})$; 75 mV/A

- Resistance (Ohm); Range; Resolution; Accuracy; Input impedance

400 Ω ; 0.1 Ω ; $\pm(0.5\% + 10 \text{ dig.})$; <1.2 V

4 K Ω ; 1 Ω ; $\pm(0.5\% + 3 \text{ dig.})$; <1.2 V

40 K Ω ; 10 Ω ; $\pm(0.5\% + 3 \text{ dig.})$; <1.2 V

400 K Ω ; 1 K Ω ; $\pm(0.5\% + 3 \text{ dig.})$; <1.2 V

4 M Ω ; 1 K Ω ; $\pm(0.5\% + 3 \text{ dig.})$; <1.2 V

40 M Ω ; 10 K Ω ; $\pm(1.5\% + 10 \text{ dig.})$; <1.2 V

- Continuity test; Test voltage < 1.2 V

- Diode test; Test voltage < 3 V; Max. test current 2.5 mA

- % duty cycle 0.9 - 99.9% (30 RPM - 19.999 RPM, pulse range > 2 μ s)

Closing angle 0.0 - 356.4° (30 RPM - 19.999 RPM, pulse range > 2 μ s)

Pulse ranges 0.002 - 199.9 ms (30 RPM - 19.999 RPM, pulse range > 2 μ s)

Continuous test 1.2 V - Diode test max. 2.5 mA - Meter sensitivity 150 mV

- Dimensions: 54 x 103 x 208 mm

- Weight: 622 g

- Battery: 9 V block

- Description of clamp-on current probe:

• For the measurement of direct and alternating currents up to max. 400 A in connection with Multitester MT 09.

- Robust and ergonomic housing

- Opening width of the clamp-on current probe \varnothing 52 mm

- Technical data:

- Alternating current (AAC rms) 0–400 AAC rms (2 ranges, 40 AAC rms, 400 AAC rms)

- Direct current (ADC) 0–400 ADC (2 ranges, 40 ADC, 400 ADC)

- Max. voltage in measuring circuit 600 V rms

- Max. frequency 400 Hz

- Output in 40 A range 10 mV/1A / in 400 A range 1 mV/1A

- Accuracy $\pm (2\% + 20 \text{ digits})$, 400 A ($2\% + 5 \text{ digits}$) @ 23 °C \pm 5 °C

- Battery 9 V block

- Dimensions: 200 x 90 x 35 mm (L x W x H)

- Weight 450 g

SCOPE OF DELIVERY

- 1 multitester MT 09

- 1 test lead set red/black

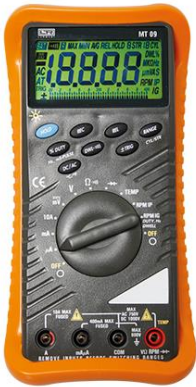
- 1 temperature sensor

- 1 inductive clamp

- 1 clamp current probe STZ 01 with flexible connecting lead red/black, length 1.60 m (4.6 ft)

- 1 solid plastic case

UNIVERSAL MULTITESTER IN SHOCK-PROTECTED THERMOPLASTIC CASE



item number :
MT 09 (041719_1)

DESCRIPTION

- Universal multimeter in shock-protected thermoplastic case. 4 digit display and additional analogous meter. Overcharge protection with optical and acoustic signal. Automatic cut-off after 30 min.
- **Basic functions of the rotary switch:**
- measuring of temperature, diode test, continuity, resistance measurement, measuring voltage, measuring current, speed, phase, frequency, dwell angle.
- **Key functions:**
- Hold = storage of measurements
- REL = relative-measuring
- REC = measuring of the max., the min. and the average value
- ON/OFF = switch on/switch off
- RPM IG = speed measurement
- DWL = dwell relation, continuity
- % DUTY = choice of phase, frequency
- RANGE = measuring range (+) or (-), trigger slope, no. of cylinder
- Cycle (%) 0.9 - 99.9% (30 RPM -19.999 RPM, impulse > 2 μ s)
- Dwell degrees ($^{\circ}$) 0.0 - 356.4 $^{\circ}$ (30 RPM - 19.999 RPM, impulse > 2 μ s)
- Impulse 0,002 - 199.9 mS (30 RPM - 19.999 RPM, impulse > 2 μ s)
- Continuity 1.2 V - Diode test max. 2.5 mA - Counter sensitivity 150 mV

SCOPE OF DELIVERY

- 1 multimeter
- 1 test lead set red/black
- 1 temperature sensor
- 1 solid plastic case

SPARE PARTS

- ET 198 (120419) protective case (rubber)
- ET 200 (120421) fuse, 2 A
- ET 201 (120422) fuse, 15 A
- ET 247 (120426) test lead set for MT 04/07, \varnothing 4 mm
- ET 204 (120425) inductive clamp (speed measurement)
- ET 203 (120424) temperature sensor
- ET 271 (121167) set croko clamps black/red

TABLE

FUNCTION	RANGE	RESOLUTION	ACCURACY	INPUT IMPEDANCE
DC V	4 V	1 mV	±(0.3% + 2 dgts)	Approx. 11 MΩ
DC V	40 V	10 mV	±(0.3% + 2 dgts)	Approx. 10 MΩ
DC V	400 V	0.1 V	±(0.3% + 2 dgts)	Approx. 10 MΩ
DC V	1000 V	1 V	±(0.75% + 3 dgts)	Approx. 10 MΩ
DC mV	400 mV	0.1 mV	±(0.3% + 2 dgts)	> 100 MΩ

FUNCTION	RANGE	RESOLUTION	ACCURACY	INPUT IMPEDANCE
			50Hz - 60Hz	
			45Hz - 1KHz	
AC V (45Hz to 1KHz)	4 V	1mV	±(0.75% + 3 dgts)	Approx. 11 MΩ
	40 V	10mV		
	400 V	0.1 V		
	750 V	1 V		

FUNCTION	RANGE	RESOLUTION	ACCURACY	INPUT IMPEDANCE
DC A	400µA	0.1µA	±(0.5% + 1 dgt)	100µV/µA
	4000µA	1µA		1.2mV/mA
	40mA	0.01mA		
	400mA	0.1mA		
	4A	0.001A	±(1.0% + 5 dgts)	75mV/A
	10A	0.01A		
AC A (45Hz to 1KHz)	400µA	0.1µA	±(1.0% + 5 dgts)	100µV/mA
	4000µA	1µA		1.2mV/mA
	40mA	0.01mA		
	400mA	0.1mA		
	4A	0.001A		75mV/A
	10A	0.01A		

FUNCTION	RANGE	RESOLUTION	ACCURACY	INPUT IMPEDANCE
Ohms	400Ω	0.1Ω	±(0.5% + 10 dgts)	< 1.2V
	4KΩ	1Ω		
	40KΩ	10Ω		
	400KΩ	0.1KΩ	±(0.5% + 3 dgts)	
	4MΩ	1KΩ		
	40MΩ	10KΩ		
Continuity	Open Circuit Voltage: < 1.2V Threshold: Approx. < 100Ω			

Diode Check
Open Circuit Voltage: < 3V
Max. Test Current: 2.5mA

INTERFACE FOR TESTING CAN BUS SYSTEMS



item number :
CBB 01 (081004_1)

DESCRIPTION

- The "CBB 01" CAN bus breakout box is a mobile interface for testing the CAN bus system
- Easy access to all pins of the OBD breakout box to test or measure the existing signals through different end devices
- It offers the simultaneous connection of a multimeter or oscilloscope (to illustrate CAN high and CAN low signals) and an OBD end device
- Circuit, grounding, CAN bus signal quality, etc. can be checked.
- Quick test of vehicle electrical system and ground circuit
- Power supply via CAN bus interface; works without battery or power supply
- Simultaneous connection of other OBD tools possible
- OBD Connection Cable Length: 2.50m

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Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
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