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Технические характеристики на комбинированные тестеры МСТ компании **МАНА**

Модели: МСТ СТ, МСТ, МСТ Т.

MCT / MAHA COMBI TESTER VP 135224



The combination tester is designed for the measurement of petrol- and diesel-powered vehicles. In addition, low weight, compact design and short warm-up time ensure easy handling.

PRODUCT DETAILS

Description:

- Short warm-up time ensures rapid readiness for measurement
- precise analysis of gas components HC, CO, CO₂, O₂ with lambda value calculation
- Time-saving and trouble-free testing and diagnosis of smoke opacity/particle concentration w. partial flow method during free acceleration or under load of engine
- Rapid emission test procedure
- Intuitive operation, clear emission test structure
- Maintenance-friendly thanks to easy accessibility
- Future-proof with cutting-edge technology

Scope of delivery:

- Gas analyser basic device in high-quality metal casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 6000 mm probe hose

- Opacimeter basic device in high-quality plastic casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 2000 mm probe hose
- USB interface with USB cable
- Bluetooth interface

- AUX 2000, incl. magnetic sensor and oil temp. sensor 1000 mm
- Condensate bottle 500 ml

Technical data:

Technical Data:

Gas Analyser

Measurement principle:

infrared spectrometry

HC, CO, CO₂

Measurable gases

HC, CO, CO₂, O₂

Electrochemical detection

O₂

Operating conditions:

Temperature

5°C to 40°C

Power supply

110-230V 50/60 Hz

Accuracy class

0 (OIML)

Dimensions (L x W x H)

344 x 252 x 85 mm

Weight

approx. 2.2 kg

Measurement range / measured value resolution (max.):

CO

0-15 % Vol. / 0.01

CO₂

0-20 % Vol. / 0.01

HC

0-9999 ppm / 0.1

O₂

0-25 % Vol. / 0.01

Lambda (calculated)

0.5-9.99 / 0.01

Opacimeter

Measurement principle

absorbance measurement

Operating conditions:

Temperature

5°C to 40°C

Power supply

110-230V 50/60 Hz

Dimensions (L x W x H)

395 x 136 x 285 mm

Weight .

approx. 3.5 kg

Maximum exhaust gas temperature

200°C

Measuring range, opacity

0-99.9%

Resolution, opacity

0.1%

Measuring range, absorption coefficient

0-9.99 m⁻¹

Resolution, absorption coefficient

0.01 m⁻¹

MCT CT VP 135226



The combination tester on CONNECT trolley is designed for the measurement of petrol- and diesel-powered vehicles. In addition, low weight, compact design and short warm-up time ensure easy handling.

PRODUCT DETAILS

Description:

- Short warm-up time ensures rapid readiness for measurement
- precise analysis of gas components HC, CO, CO₂, O₂ with lambda value calculation
- Time-saving and trouble-free testing and diagnosis of smoke opacity/particle concentration w. partial flow method during free acceleration or under load of engine
- Rapid emission test procedure
- Intuitive operation, clear emission test structure
- Maintenance-friendly thanks to easy accessibility
- Future-proof with cutting-edge technology

Scope of delivery:

- Gas analyser basic device in high-quality metal casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 6000 mm Sondenschlauch

- Opacimeter basic device in high-quality plastic casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 2000 mm probe hose
- USB interface with USB cable
- Bluetooth interface

- AUX 2000, incl. magnetic sensor and oil temp. sensor 1000 mm
- Condensate bottle 500 ml
- Trolley

- PC, monitor, keyboard, mouse, printer

Technical data:

Technical Data:

Gas Analyser

Measurement principle:

infrared spectrometry

HC, CO, CO₂

Measurable gases

HC, CO, CO₂, O₂

Electrochemical detection

O₂

Operating conditions:

Temperature

5°C to 40°C

Power supply

110-230V 50/60 Hz

Accuracy class

0 (OIML)

Dimensions (L x W x H)

344 x 252 x 85 mm

Weight

approx. 2.2 kg

Measurement range / measured value resolution (max.):

CO

0-15 % Vol. / 0.01

CO₂

0-20 % Vol. / 0.01

HC

0-9999 ppm / 0.1

O₂

0-25 % Vol. / 0.01

Lambda (calculated)

0.5-9.99 / 0.01

Opacimeter

Measurement principle

absorbance measurement

Operating conditions:

Temperature

5°C to 40°C

Power supply

110-230V 50/60 Hz

Dimensions (L x W x H)

395 x 136 x 285 mm

Weight .

approx. 3.5 kg

Maximum exhaust gas temperature

200°C

Measuring range, opacity

0-99.9%

Resolution, opacity

0.1%

Measuring range, absorption coefficient

0-9.99 m⁻¹

Resolution, absorption coefficient

0.01 m⁻¹

MCT T VP 135225



The combination tester on trolley is designed for the measurement of petrol- and diesel-powered vehicles. In addition, low weight, compact design and short warm-up time ensure easy handling.

PRODUCT DETAILS

Description:

- Short warm-up time ensures rapid readiness for measurement
- precise analysis of gas components HC, CO, CO₂, O₂ with lambda value calculation
- Time-saving and trouble-free testing and diagnosis of smoke opacity/particle concentration w. partial flow method during free acceleration or under load of engine
- Rapid emission test procedure
- Intuitive operation, clear emission test structure
- Maintenance-friendly thanks to easy accessibility
- Future-proof with cutting-edge technology

Scope of delivery:

- Gas analyser basic device in high-quality metal casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 6000 mm Sondenschlauch

- Opacimeter basic device in high-quality plastic casing
- Integrated display unit
- Exhaust gas sampling probe 600 mm, 2000 mm probe hose
- USB interface with USB cable
- Bluetooth interface

- AUX 2000, incl. magnetic sensor and oil temp. sensor 1000 mm
- Condensate bottle 500 ml
- Trolley

Technical Data:

Gas Analyser

Measurement principle:

infrared spectrometry HC, CO, CO₂

Measurable gases HC, CO, CO₂, O₂

Electrochemical detection O₂

Operating conditions:

Temperature 5°C to 40°C

Power supply 110-230V 50/60 Hz

Accuracy class 0 (OIML)

Dimensions (L x W x H) 344 x 252 x 85 mm

Weight approx. 2.2 kg

Measurement range / measured value resolution (max.):

CO 0-15 % Vol. / 0.01

CO₂ 0-20 % Vol. / 0.01

HC 0-9999 ppm / 0.1

O₂ 0-25 % Vol. / 0.01

Lambda (calculated) 0.5-9.99 / 0.01

Opacimeter

Measurement principle absorbance measurement

Operating conditions:

Temperature 5°C to 40°C

Power supply 110-230V 50/60 Hz

Dimensions (L x W x H) 395 x 136 x 285 mm

Weight . approx. 3.5 kg

Maximum exhaust gas temperature 200°C

Measuring range, opacity 0-99.9%

Resolution, opacity 0.1%

Measuring range, absorption coefficient 0-9.99 m⁻¹

Resolution, absorption coefficient 0.01 m⁻¹

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