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# Инструменты для кондиционеров

## WAECO GA-ANLYZ



### Miniature identifier R1234yf

When servicing vehicle A/C systems, it's important to make sure you're using the correct refrigerant. Using the wrong refrigerant, or accidentally mixing different refrigerants, can lead to highly dangerous situations in the workshop or on the road. Our range of miniature identifiers and gas analysis tools help you to check the purity of the refrigerant.

- Checks the purity of refrigerant in A/C systems or bottles
- Prevents dangerous situations and protects your A/C service unit by identifying contaminated refrigerants
- Simple and fast application – system provides step-by-step guidance through the whole process
- Test results appear within a short period of time
- Battery-powered for mobile use
- Durable, impact-resistant casing
- Detects non-condensable gases in the refrigerant

### Модель Analyser R1234yf

### Описание изделия Miniature identifier R1234yf

### Для хладагента R1234yf

# WAECO GA-ANLYZ



## *Miniature identifier R134a*

When servicing vehicle A/C systems, it's important to make sure you're using the correct refrigerant. Using the wrong refrigerant, or accidentally mixing different refrigerants, can lead to highly dangerous situations in the workshop or on the road. Our range of miniature identifiers and gas analysis tools help you to check the purity of the refrigerant.

---

- Checks the purity of refrigerant in A/C systems or bottles
- Prevents dangerous situations and protects your A/C service unit by identifying contaminated refrigerants
- Simple and fast application – system provides step-by-step guidance through the whole process
- Test results appear within a short period of time
- Battery-powered for mobile use
- Durable, impact-resistant casing
- Detects non-condensable gases in the refrigerant

## **Модель** Analyser R134a

## **Описание изделия** Miniature identifier R134a

## **Для хладагента** R134a

# WAECO ACT-PRSMTR



## *Pressure meter R134a, low-pressure side*

A handy service tool that measures the pressure in vehicle A/C systems at the low-pressure side. Perfect for doing a quick first check at service reception.

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- A handy service tool for quickly checking the pressure in vehicle A/C systems
- Sturdy design, with impact-resistant casing
- Easy-grip coating for comfortable handling
- Specially designed for R134a A/C systems
- Connects to the low-pressure side

## **Модель** Pressure Meter

## **Описание изделия** Pressure meter R134a, low-pressure side

## **Для хладагента** R134a

# WAECO ACT-SCL

*Portable refrigerant scales, 100 kg*

A heavy-duty weighing platform designed to support refrigerant recovery and system charging. The scales can accommodate refrigerant cylinders weighing up to 100 kg and a large LCD display provides precise information about recovery and charge. The scales come in a sturdy plastic case, for easy transportation.

- 
- Heavy-duty weighing platform, capable of holding a maximum load of 100 kg
  - Accurate refrigerant charging and recovery with solenoid valve control system
  - Large LCD display with weight setting option for kg – lb – oz
  - Comes in a sturdy plastic case, for easy transportation
  - Charging process can be repeated
  - 220 V solenoid valve control system
  - Mains-independent 9 V LCD control system

## Модель Scale

**Описание изделия** Portable refrigerant scales, 100 kg

# WAECO ACT-THRM

*Digital pocket thermometer*

Quickly and easily check the effectiveness of a vehicle's air conditioning system by measuring the air outlet temperature at the air vents. The WAECO AirConService range features several thermometers designed for this purpose – including a pocket-sized thermometer, a thermometer with infrared laser technology and a digital thermometer with an extra-large, easy-to-read LCD display. For two-zone air conditioners, we recommend using our dual diagnostic thermometer.

- 
- Quick and easy temperature check – ideal for reception testing of automotive A/C systems
  - Extremely compact design enables measuring of air outlet temperature directly at the center air vents
  - Easy-to-read display – minimizes the risk of measuring errors

## Модель Thermometer

**Описание изделия** Digital pocket thermometer

# WAECO ACT-TOOL



*Recovery equipment for contaminated refrigerant*

Looking for a safe and efficient method to recover contaminated refrigerant? This practical service kit provides everything you need.

- 
- Everything you need to safely and efficiently recover contaminated refrigerant
  - Service kit includes filling hose and service coupler for the low-pressure side
  - Also includes an adapter for the recycling bottle, as well as a bottle fixture for safe handling

## Модель Tool

**Описание изделия** Recovery equipment for contaminated refrigerant

## WAECO GA-ANLYZ

*External gas analyzer according to SAE*

When servicing vehicle A/C systems, it's important to make sure you're using the correct refrigerant. Using the wrong refrigerant, or accidentally mixing different refrigerants, can lead to highly dangerous situations in the workshop or on the road. Our range of miniature identifiers and gas analysis tools help you to check the purity of the refrigerant.



- Checks the purity of refrigerant to prevent dangerous cross-contamination
- Easy to retrofit – just plug and play
- Robust metal housing designed to cope with the rigors of workshop use
- Ideal for A/C service units that don't have an integrated refrigerant analysis tool

## Модель Analyser R134a

**Описание изделия** External gas analyzer according to SAE

## WAECO ACT-THRM



*Infrared laser thermometer*

Quickly and easily check the effectiveness of a vehicle's air conditioning system by measuring the air outlet temperature at the air vents. The WAECO AirConService range features several thermometers designed for this purpose – including a pocket-sized thermometer, a thermometer with infrared laser technology and a digital thermometer with an extra-large, easy-to-read LCD display. For two-zone air conditioners, we recommend using our dual diagnostic thermometer.

- Quick and easy temperature check – suitable for measuring temperature at a vehicle's air vents, condenser surface or heat exchanger
- Contact-free temperature measurement
- Integrated laser pointer for precise positioning of the measuring beam
- Accurate measurement even over long distances

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## Модель Thermometer

Описание изделия Infrared laser thermometer

## WAECO ACT-TOOL

### *Hose cutter*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

---



- Small and handy hose cutter – fits into any pocket
  - Effortless cutting of refrigerant hoses in automotive A/C applications
  - Gives clean and accurate cuts – no hassle, no damage
- 

## Модель Tool

Описание изделия Hose cutter

## WAECO ACT-PRSMTR

### *Pressure meter R1234yf, low-pressure side*

A handy service tool that measures the pressure in vehicle A/C systems at the low-pressure side. Perfect for doing a quick first check at service reception.

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- A handy service tool for quickly checking the pressure in vehicle A/C systems
  - Sturdy design, with casing for added impact protection
  - Easy-grip coating for comfortable handling
  - Specially designed for R1234yf A/C systems
  - Connects to the low-pressure side
- 

## Модель Pressure Meter

Описание изделия Pressure meter R1234yf, low-pressure side

Для хладагента R1234yf

# WAECO ACT-THRM



## *LCD digital thermometer*

Quickly and easily check the effectiveness of a vehicle's air conditioning system by measuring the air outlet temperature at the air vents. The WAECO AirConService range features several thermometers designed for this purpose – including a pocket-sized thermometer, a thermometer with infrared laser technology and a digital thermometer with an extra-large, easy-to-read LCD display. For two-zone air conditioners, we recommend using our dual diagnostic thermometer.

- 
- Quick and easy temperature check – ideal for reception testing of automotive A/C systems
  - Extra-large, easy-to-read digital display
  - Long probe (213 mm), with excellent measuring accuracy

### **Модель Thermometer**

#### **Описание изделия** LCD digital thermometer

**Для хладагента** R452A, R32, R1234yf, R134a, R170, R22, R290, R404A, R407C, R410A, R417A, R507, R508B, R600a

# WAECO ACT-TOOL



## *Octagon socket for fitting service valves, low-pressure side*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

- 
- Service tool that makes it easy to fit, replace and remove eight-sided service ports on R134a A/C systems
  - Specially designed thin-walled sockets for a perfect fit
  - Suitable for factory-fitted A/C systems, e.g. Audi, BMW, DaimlerChrysler, Porsche and Volkswagen
  - For the low-pressure side (an octagon socket for the high-pressure side is also available)

### **Модель Tool**

#### **Описание изделия** Octagon socket for fitting service valves, low-pressure side

# WAECO ACT-THRM



## *Dual diagnostic thermometer, for two-zone air conditioners*

Quickly and easily check the effectiveness of a vehicle's air conditioning system by measuring the air outlet temperature at the air vents. The WAECO AirConService range features several thermometers designed for this purpose – including a pocket-sized thermometer, a thermometer with infrared laser technology and a digital thermometer with an extra-large, easy-to-read LCD display. For two-zone air conditioners, we recommend using our dual diagnostic thermometer.

- 
- Digital thermometer with two sensors for quickly and easily checking two-zone A/C systems
  - Wide measuring range: –200 °C to +1050 °C
  - 3 m long sensors for excellent reach
  - Sensors connect to a suction cup holder, which can be attached to a vehicle's windscreen for added stability and convenience during inspection
  - Measures and displays the minimum, maximum and average temperatures
  - Dual display with 5-digit LCD display
  - Ideal for measuring the air outlet temperature at the air vents

### **Модель Thermometer**

**Описание изделия** Dual diagnostic thermometer, for two-zone air conditioners

# WAECO ACT-TOOL



## *Octagon socket for fitting service valves, high-pressure side*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

- 
- Service tool that makes it easy to fit, replace and remove eight-sided service ports on R134a A/C systems
  - Specially designed thin-walled sockets for a perfect fit
  - Suitable for factory-fitted A/C systems, e.g. Audi, BMW, DaimlerChrysler, Porsche and Volkswagen
  - For the high-pressure side (an octagon socket for the low-pressure side is also available)

### **Модель Tool**

**Описание изделия** Octagon socket for fitting service valves, high-pressure side



## WAECO ACT-THRM



### *Surface sensor for dual diagnostic thermometer*

Quickly and easily check the effectiveness of a vehicle's air conditioning system by measuring the air outlet temperature at the air vents. The WAECO AirConService range features several thermometers designed for this purpose – including a pocket-sized thermometer, a thermometer with infrared laser technology and a dual diagnostic thermometer, which is recommended for checking two-zone air conditioners. We also offer a separate temperature probe and surface sensor for use with the dual diagnostic thermometer.

- 
- Spare surface sensor for WAECO's dual diagnostic thermometer
  - 3 m long sensor line for excellent reach
  - Sensor connects to a suction cup holder, which can be attached to a vehicle's windscreen for added stability and convenience during inspection

### **Модель Thermometer**

**Описание изделия** Surface sensor for dual diagnostic thermometer

## WAECO ACT-TOOL



### *Valve fitting tool, special valves, Ford, French or Japanese make*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

- 
- Fitting tool for special valves used in R134a A/C systems
  - Suitable for special valves on Ford, French or Japanese vehicles
  - Two tools in one – for high-pressure and low-pressure sides

### **Модель Tool**

**Описание изделия** Valve fitting tool, special valves, Ford, French or Japanese make  
**Для хладагента** R1234yf, R134a

## WAECO ACT-THRM





## *Temperature probe for dual diagnostic thermometer*

Quickly and easily check the effectiveness of a vehicle's air conditioning system by measuring the air outlet temperature at the air vents. The WAECO AirConService range features several thermometers designed for this purpose – including a pocket-sized thermometer, a thermometer with infrared laser technology and a dual diagnostic thermometer, which is recommended for checking two-zone air conditioners. We also offer a separate temperature probe and surface sensor for use with the dual diagnostic thermometer.

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- Spare temperature probe for WAECO's dual diagnostic thermometer
- 3 m long sensor line for excellent reach
- Sensor connects to a suction cup holder, which can be attached to a vehicle's windscreen for added stability and convenience during inspection

### **Модель Thermometer**

### **Описание изделия Temperature probe for dual diagnostic thermometer**

## **WAECO ACT-TOOL**



### *Valve fitting tool, Schrader valves, Ford or Japanese make*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

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- Fitting tool for Schrader valves used in R134a A/C systems
- Suitable for Ford and Japanese vehicles
- Two tools in one – for high-pressure and low-pressure sides (connection diameters: 6.3 and 4.5 mm)

### **Модель Tool**

### **Описание изделия Valve fitting tool, Schrader valves, Ford or Japanese make**

## **WAECO ACT-TOOL**



### *O-ring pick tool*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

- 
- Three tools in one – different tip shapes to suit different types and sizes of O-rings
  - Suitable for picking O-lock gaskets on refrigerated vehicles
  - Easy and gentle removal – prevents damage to the gaskets

### **Модель Tool**

### **Описание изделия O-ring pick tool**

## **WAECO ACT-TOOL**



### *Oil injector, manual, for oil and UV additive*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

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- Designed for easy manual injection of oils and/or UV additives
- Supplied with ml and oz scales for oil and an extra scale for UV additive
- Couplers and hoses included
- Sturdy design, ideal for use in air conditioning workshops

### **Модель Tool**

### **Описание изделия Oil injector, manual, for oil and UV additive**

## **WAECO ACT-TOOL**



### *Adjustable spanner/ratchet*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

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- Spanner and ratchet in one tool – simply move a lever to switch between functions
- Adjustable from 0–30 mm, for versatile use
- Ergonomic soft-grip handle for safe and comfortable use
- Excellent torque
- Practical and durable

### **Модель Tool**

### **Описание изделия Adjustable spanner/ratchet**

## WAECO ACT-TOOL



*Ratchet wrench, Big*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

- 
- Tool for large special valves (9/16", 1/2", 1/4", 3/16")
  - Designed for use on bus air conditioners
  - Safe handling

### **Модель Tool**

### **Описание изделия Ratchet wrench, Big**

## WAECO ACT-TOOL



*Ratchet wrench, Small*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

- 
- Tool for small special valves (1/4", 3/8", 3/16", 5/16")
  - Designed for use on bus air conditioners
  - Safe handling

### **Модель Tool**

### **Описание изделия Ratchet wrench, Small**

## WAECO ACT-TOOL



### *Solenoid valve opener, 17-20 mm*

Service work on automotive air conditioners is a lot more efficient (and enjoyable!) when you have the right tools at hand. We offer a range of carefully selected precision tools that have been tried and tested by workshop professionals millions of times. From hose cutters and wrenches to O-ring and valve fitting tools, they're guaranteed to make your job easier.

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- Special tool for opening solenoid valves in refrigerant circuits
- For use on bus air conditioners
- Small and handy – fits in your pocket

#### **Модель Tool**

#### **Описание изделия Solenoid valve opener, 17-20 mm**

## **WAEKO LK-DETECT**



### *Forming gas pressure reducer, R134a, up to 20 bar*

If you're planning to check for leakages using the forming gas method, this pressure reducer is an essential tool. It enables the controlled and safe admission of forming gas to A/C systems, with an adjustment range of 0–20 bar.

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- Enables safe and controlled admission of forming gas to A/C systems – ideal for checking for leaks using the forming gas method
- Adjustable pressure range of 0–20 bar, making it ideal for air conditioner inspections
- Complies with the requirements outlined in Section Five of the German Chemicals Climate Protection Ordinance
- Hose set with couplers available as an optional accessory

#### **Модель Tool**

#### **Описание изделия Forming gas pressure reducer, R134a, up to 20 bar**

#### **Для хладагента R134a**

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