

**STARKA**  
A u t o T e c h

# Innovative Lösungen für automatisierte Klimasysteme



# STR MAX

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A u t o T e c h

## R134a or R1234yf

### FULLY-AUTOMATIC A/C SERVICE STATION



#### OPTIONAL FEATURES

Vacuum Pump : 10.2 m<sup>3</sup>/h  
( 6 CFM ) 2 stage  
Tank Capacity :30 kg  
Refrigerant Type: R407C - R404  
Hybrid Compatible Oil Injection

## Main Features

- ▶ 5" TFT hmi color touchscreen
- ▶ Free database update via Wireless connection.
- ▶ Easy-to-use control panel
- ▶ Hybrid Compatible.
- ▶ High efficiency refrigerant recovery - A-R-I Standards
- ▶ Automatic follow-up of programmed operations.
- ▶ Vehicle Data Bank

**Works with both R134a or R1234yf refrigerants  
(After discharging all the refrigerant from the tank).**

- ▶ High precision vacuum sensor.
- ▶ Automatic leak detection.  
(audible and visual warning system)
- ▶ Automatic tank full warning & shut-off.
- ▶ High precision pressure sensor.
- ▶ High precision temperature sensor
- ▶ Automatic air purge.
- ▶ Filter drier to remove acid, moisture and particulates from the refrigerant
- ▶ Specially designed oil separator to filter and clean the recovered refrigerant from the vehicle and make it useable.



## R134a or R1234yf

### FULLY-AUTOMATIC A/C SERVICE STATION

## Main Features

- ▶ Refrigerant management system to track charged, recovered and added refrigerant
- ▶ Automatic used oil drain.
- ▶ Automatic new oil injection.
- ▶ Heater blower to speed up charging by maintaining a constant temperature.
- ▶ High pressure protection system
- ▶ Maintenance reminders for filter-drier, vacuum pump oil and compressor oil
- ▶ Refrigerant database that contain up-to-date refrigerant quantities of passenger cars and commercial vehicles
- ▶ Thermal printer with 57mm paper



## Technical Specifications

- **Compressor:** 3/8 hp 12cc hermetic
- **Vacuum Pump:** 10,2 m<sup>3</sup>/h (4,5 CFM)
- **Low Pressure:** 15 Bar (80 mm)
- **High Pressure:** 30 Bar (80 mm)
- **Elektronic Scale Resolution:** ±5 gr
- **Storage Tank Capacity:** 25 kg
- **5" HMI TFT touch screen**
- **Recovery Rate:** 450gr/min max. (at constant pressure)
- **Refrigerant Types:** R1234yf - R134a
- **Hose Length :** 300cm
- **Filter Drier Capacity:** 150 kg
- **Operating Temperature:** 8 - 49 °C
- **Dimensions :** 111cm X 55cm X 53cm



5" HMI  
TOUCH SCREEN



Update Via  
Internet



Wi - Fi



Hybrid  
Compatible



# STR S

**STARKA**  
A u t o T e c h

## R134a or R1234yf

### AUTOMATIC A/C SERVICE STATION

## Main Features

- ▶ 5" TFT hmi color touchscreen
- ▶ Free database update via Wireless connection.
- ▶ Easy-to-use control panel
- ▶ Elektronik scale
- ▶ High efficiency refrigerant recovery - A-R-I Standards
- ▶ Automatic follow-up of programmed operations.
- ▶ Vehicle Data Bank
- ▶ **Works with both R134a or R1234yf refrigerants (After discharging all the refrigerant from the tank).**
- ▶ High precision vacuum sensor.
- ▶ Automatic leak detection. (audible and visual warning system)
- ▶ Automatic tank full warning & shut-off.
- ▶ High precision pressure sensor.
- ▶ High precision temperature sensor
- ▶ Automatic air purge.
- ▶ Filter drier to remove acid, moisture and particulates from the refrigerant
- ▶ Specially designed oil separator to filter and clean the recovered refrigerant from the vehicle and make it useable.





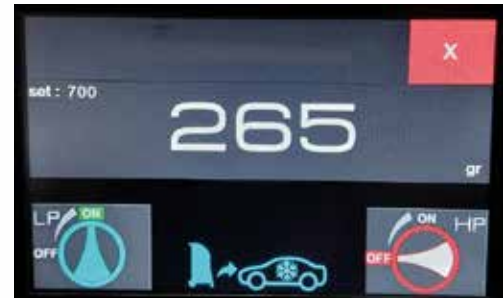
## R134a or R1234yf

### AUTOMATIC A/C SERVICE STATION

5" TFT hmi color touchscreen

## Main Features

- ▶ Refrigerant purifying filter (filters acid, moisture and particles in the refrigerant)
- ▶ Used oil drain
- ▶ New oil injection
- ▶ High speed refrigerant charging
- ▶ High pressure protection system
- ▶ Maintenance reminders for filter-drier, vacuum pump oil and compressor oil
- ▶ Refrigerant database that contain up-to-date refrigerant quantities of passenger cars and commercial vehicles



## Technical Specifications

- **Compressor:** 3/8 hp 12cc hermetic
- **Vacuum Pump:** 6 m<sup>3</sup>/hr (100 lt/min)
- **Electronic Scale Resolution:** ±5 gr
- **Low Pressure:** 15 Bar (80 mm)
- **High Pressure:** 30 Bar (80 mm)
- **Storage Tank Capacity:** 15 kg
- **5" HMI TFT touch screen**
- **Recovery Rate:** 450gr/min max. (at constant pressure)
- **Refrigerant Types:** R1234yf - R134a
- **Filter Drier Capacity:** 150 kg
- **Hose Length:** 180 cm
- **Operating Temperature:** 8 - 49°C
- **Dimensions:** 111cm X 55cm X 53cm



5" HMI  
TOUCH SCREEN



Update Via  
Internet



Wi - Fi



## STR-ID PORTABLE REFRIGERANT IDENTIFIER – R134a & R1234yf

Identify vehicle refrigerants instantly and accurately with the STR-ID Portable Refrigerant Identifier.

This compact identifier is an essential tool for automotive professionals, designed for effortless identification of R134a and R1234yf refrigerants in vehicles or tanks.

### Features

**Advanced Technology & Future-Proof Design:** Equipped with a 4.3-inch color touch screen display, the STR-ID offers intuitive operation and easy navigation. Stay ahead of the curve with Wi-Fi connectivity for software updates ensuring you have the latest tools at your disposal.

**Environmentally Friendly:** The STR-ID allows you to send analysis results directly via email, eliminating the need for paper and reducing waste. Of course, a version with a printer is available as an optional add-on if needed.

**Versatile Compatibility & Uninterrupted Performance:** Whether you're working with 12V or 24V systems, the STR-ID is ready to deliver reliable results. No need for external power sources! Source directly from the vehicle battery for convenient and uninterrupted operation on the job.

**Precise Identification Every Time:** Utilizing advanced technology, the STR-ID accurately detects R134a or R1234yf refrigerants, enabling swift and confident decision-making during servicing or maintenance tasks.

**Robust Construction:** Built to endure tough workshop environments, the STR-ID is encased in a durable metal housing. This ensures longevity and reliability, resisting bumps, drops, and harsh conditions for long-lasting performance. Additionally, the integrated hook allows for convenient mounting under the vehicle hood, keeping your workspace organized and clutter-free.

### Technical Specifications

Refrigerants	R1234yf and R134a
Result Unit	Percentage (%)
Operating Pressure	22 psi / 1.5 Bar - 174psi / 12 Bar
Sample volume	<5 grams per test
Operating temperature range	+10°C +49°C
Sensor type	NDIR – Non-Dispersive Infrared
Power Rating	12 -24 Volts
Test and purge time	2 minutes 20 seconds
USB Communications	USB 3.0
Serial Port Communications	RS232
Printer	Thermal (Optional)
Quick Couplers	R1234yf and R134a
Stored test results capability	5 tests maximum
Type	Portable, internal
Approvals	CE
Dimensions	9,5cm X 21,5cm X 27,5cm
Weight	3 kg



# OZON 10G / 20 G OLED

## OZONE GENERATOR

### Main Features

Natural disinfectant, bad odor removal, cleaning of ambient air;

A completely natural solution without using any chemicals.

The ozone device breaks down the oxygen in the air and ensures that other molecules that adhere to oxygen molecules and spread through oxygen, causing bad odor, are destroyed. In this way, it provides the opportunity to get rid of the bad odor in the indoor environments used.

#### SCOPE OF APPLICATION;

Used in all indoor areas  
Motor vehicles such as cars, minibuses and buses  
Housing and workplaces  
Agricultural enterprises  
Livestock facilities  
Hospitals, schools, supermarkets and stores.

### Technical Specifications

**Dimensions:** 185 mm X 255 mm X 190 mm

**Weight:** 2,9 Kg

**Voltage:** 220 V

**Timer:** 5-120 min

**Life-span of ozone sheets:** 5.000 hours

**Ozone Capacity:** 10.000 mg - 20.000 mg

**MAINTENANCE FREE, EASY TO USE,  
PORTABLE, CONSOLE TYPE.**









# A/C SERVICE PRODUCTS



Part Number: **ELC-C18M**

Part Number **ELC-C17K**

## Charging Adapters - R134a

Suitable for all the vehicles with R134a refrigerant. Safe and easy refrigerant charging. Chrome coated, high quality.



Parker Turkey distributor



Part Number: **ELC-C130M**

Part Number: **ELC-C130K**

## Charging Adapters- R1234yf

Suitable for all the vehicles with R1234yf refrigerant. Safe and easy refrigerant charging. Chrome coated, high quality.



Parker Turkey distributor

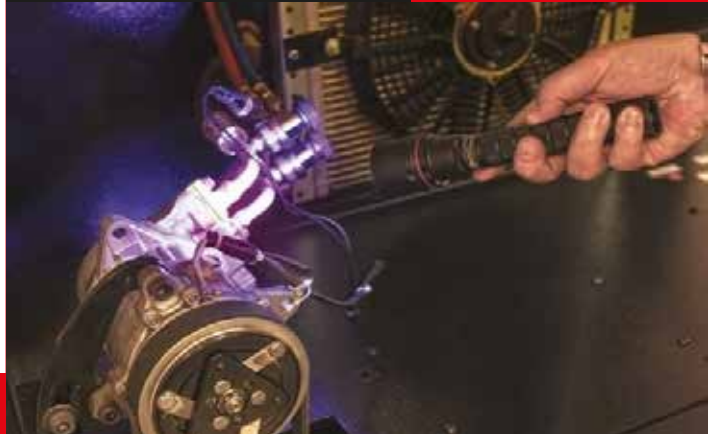


Part Number: **ELC-S09**

## MICRON LEAK UV Leak Detection Kit

- . UV Dye for 26 applications
- . 50W chargable UV Torch
- . UV protective glasses
- . Service hose, check valve, coupling
- . Injector

Part Number: **ELC-S08**



## ELCi UV LEAK DETECTION DYE

Universal UV leak detection fluid for all vehicles  
High phosphore rate for maximum visibility.

100ml (For 13 application)

Part Number: **ELC-A41**

Universal ultraviolet leak detection fluid for all vehicles  
High phosphore rate for maximum visibility.

500ml (For 66 application)

Part Number: **ELC-A62**

# A/C SERVICE PRODUCTS

Universal Valve Core & Tool Box Kit ( 79 Pieces )						ELC-A23
R-134a Peugeot / Volvo High Flow Valve Core (M8)		R-134a J.R.A. Import High Flow Valve Core (M6)		R-134a Domestic & Import Standard Flow Valve Core		
15 pieces	ELC-A27	15 pieces	ELC-A25	30 pieces	ELC-A24	
Eaton SSV High&Low Flow Valve Core Remover / Installer Tool						
1 piece						ELC-A30
R-134a Domestic Eaton SSV High Flow Valve Core (M8)		R-12 & R-134a GM Large Bore High Flow Valve Core		R-134a J.R.A. Import High Flow Valve Core (M6)		
3 pieces	ELC-A28	10 pieces	ELC-A26	5 pieces	ELC-A31	

## Universal Valve Core & Tool Box Kit

### Valve Kit (79 pieces)

ELC-A24	30
ELC-A25	15
ELC-A26	10
ELC-A27	15
ELC-A28	3
ELC-A30	1
ELC-A31	5

Part Number: **ELC-A23**



## HNBR O-Ring Kit (265 Pcs)

265 Pcs  
18 Kind A/C O-Ring Set

Part Number: **ELC-C34**

# A/C SERVICE PRODUCTS



## Refrigerant R134a

Net Weight: 12 kg

Part Number: **ELC-A79**



## Refrigerant R1234yf

Net Weight: 5 kg

Part Number: **ELC-C147**



## Quick, Practical A/C System Cleaning Kit

It is used to clean the pollutions, residues, oil, blockages caused by the breakdown of the inside of the hoses when refrigerant and oil circulate together in the air conditioning system.

Especially in case of a compressor failure, there is a risk of such residues coming back to the new compressor as a result of the metal parts coming out of the compressor remaining in the system.

For this reason, newly installed compressors also break down quickly.

Thanks to the liquid spray gun, you can easily spray the air conditioning system.

The accompanying liquid reservoir has a capacity of 1.1 liters and can be connected quickly.

Part Number: **ELC-S41**

## Hydraulic Hose Crimper Kit

Easy to use, portable  
5/16", 13/32", 1/2", 5/8"

Part Number: **ELC-S17**

## AIRCO SEAL PRO1

### LEAK SELANT

It has a superior effect on leaks in rubber hose, o-ring and metal parts. If there is no leakage in the system, it increases the cooling performance by making a drying effect. Successfully repairs cracks up to 300 micron Compatible with R134a and R1234yf.

Part Number: **ELC-A12**







## PAO A/C OIL 1 It

The cooling effect of PAO oil has been proven by reducing temperature overloads in the air conditioning system. The operating temperature is between -45°C and +240°C.

Non-moisture oil

**COMPATIBLE WITH  
ALL OILS AND  
REFRIGERANTS**

Part Number: **ELC-A47**

## COMPARISON TABLE FOR PAO OIL AND OTHER OILS

	PAO Oil	Mineral Oil	Polyolester Oil	Pag Oil
Non hygroscopic	✓	✓	✗	✗
Compatible with other oils	✓	✓	✗	✗
Compatible with HCFC's	✓	✓	✓	✗
Compatible with CFC's	✓	✓	✓	✗
Compatible with HFC's	✓	✓	✓	✓
Compatible with HFC blends	✓	✗	✓	✓
Compatible with HCFC blends	✓	✓	✓	✗
In creased capacity	✓	✗	✗	✗
High temperature viscosity	✓	✗	✗	✗
Non aggressive - a safe product	✓	✓	✗	✗

★ 100% ★

**NON HYGROSCOBIC  
HIGH PERFORMANCE  
A/C OIL**

★★★★★



## Elci Vacuum Pump Oil

It minimizes the friction in the moving parts of the vacuum pump.

It reduces the clogging rate of the pump. It is very effective against oxidation.

Part Number: **ELC-A09**

[www.starkautotech.de](http://www.starkautotech.de)

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