

STARKA[®]
A u t o T e c h

Vertrauen in Qualität und Kraft

Innovative Lösungen für automatisierte Klimasysteme



STR-MAX

STARKA[®]
A u t o T e c h

R134a or R1234yf

FULLY-AUTOMATIC A/C SERVICE STATION



OPTIONAL FEATURES

Vacuum Pump : 10.2 m³/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 m³/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-PLUS

STARKA[®]
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PORTABLE / AUTOMATIC A/C SERVICE STATION

Main Features

- ▶ Microprocessor controlled 4x20 backlight LCD display
- ▶ Free database update via Wireless connection.
- ▶ Easy-to-use control panel
- ▶ 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.
- ▶ Refrigerant management system to track charged, recovered and added refrigerant
- ▶ Automatic used oil drain.
- ▶ Automatic new oil injection.
- ▶ Heater blaster to speed up charging by maintaining a constant temperature.



PORTABLE / AUTOMATIC A/C SERVICE STATION

Refrigerant management system to track charged, recovered and added refrigerant

Automatic used oil drain.

Automatic new oil injection.

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	: 1/8hp 5,5cc
Vacuum Pump	: 3m ³ /h (51 lt/min)
Low Pressure	: 15 bar (63mm)
High Pressure	: 30 bar (63mm)
Electronic Scale Resolution	: +/- 5 gr
Display	: 4X20 character LCD
Storage Tank Capacity	: Net: 12 kg
Recovery Rate	: 250gr/min max. (at constant)
Refrigerant Types	: R134a - R1234yf
Hose Length	: 300 cm
Filter Drier Capacity	: 150 kg
Operating Temperature	: 8 - 49°C
Dimensions	: 46cm X 63cm X 93cm
Weight	: 68 kg

Optional Function



E- Mail



WI-FI



Update Via
Internet



RADIATOR FLUSH MACHINE

ENGINE COOLANT FLUSH

Washes the water circulation content for heating or cooling, including radiator, engine cooling, cooling water connections.

Microprocessor controlled 4x20 backlight LCD display

LPG vaporizer regulator, Automatic display oil temperature - cooling system water cooled intercooler assembly washing

Continuous monitoring of washings

Detection and monitoring with display of clogged pressure values

Easy change of water direction using 4-way valve

Dirt, rust, etc. filtering

Adjustable washing time

Electronic filter life monitoring and warning

Pump maintenance warning

Monitoring the amount of cars serviced

Low water level indicator

Automatic system heating

Automatic full tank warning

Water capacity option (8 liters - 12 liters)

316L stainless steel tank

2500 watt powerful water heater

Automatic operation stop in case of leakage in the system

0.5 HP water pump



Technical Specifications

Display	4×20 LCD
Power	220 V ± 10% / 50 Hz
Tank Capacity	12 lt
Water Pump	35 lt/min
Pressure Gauge	0-5 bar
Heater	2500w
Dimensions	55cm X 52cm X 105cm
Weight	55 kg

HFM

STARKA
A u t o T e c h

Flush Clean

It cleans lime, rust, sawdust and sediment layers in all heating systems without damaging sensitive metals. It delays the formation of corrosion, damage and cracks in existing metal and plastic parts. Thanks to the protective inhibitors in its developed formula, it does not have any negative effects on the metal and rubber materials that make up the system. It is a high-quality, problem-free product that repairs blockages in the radiators of all vehicles and restores the heating and cooling power. This cleaning liquid is only effective when used with a radiator and radiator cleaning device and mixed with 8-10 LT water (500ml).



500ml

Product code **STR-C678**



Der kühlerreiniger funktioniert nur mit RFM



Vermeiden Sie den Kontakt mit Haut und Augen bei
Kontakt mit viel Wasser sollte gewaschen werden



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.

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.

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 Volt
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 testet maximum
Type	Portable, Internal
Approvals	CE
Dimensions	9,5cm X 21,5cm X 27,5cm
Weight	3 kg



OZONE GENERATOR

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

Model:	OLED – 10G
Display:	0,96 Zoll
Display-Type:	OLED-Graphic
Dimensions:	18,5×25,5×19 cm
Ozone Capacity:	10.000 mg/Std.
Operating Temperature	8°C bis 49°C
Timer:	10-120 min
Voltage:	220V ± 10% / 50 Hz
Power:	0,117 kWh
Weight:	2,9 kg
Noise level	48,7 dB

Recommended treatment duration

Area	Time
1m ² – 20m ²	10 minute
21m ² – 40m ²	20 minute
41m ² – 75m ²	30 minute
76m ² – 100m ²	60 minute
101m ² – 150m ²	120 minute



DKT203

Main Features

Dieses Rauchdiagnosegerät für Turbosysteme spart enorm viel Zeit,
Working Principle of the Device;
Low oxygen combustion
ELCI smoke leak detection device uses the forced combustion smoke generation method in a low oxygen environment. Energy is provided via a conductive column to the heating wire, which quickly rises above 300 C in order for the special (mineral) oil to reach the ignition point and enter the combustionure

HOW TO TEST FOR LEAKAGE?
Fill the device with 20ml test oil.
Open the pipe to be tested and connect the adapter.
Connect the device to a 12V/24V battery.
When the pipe is filled with smoke, you can detect the leak. Use a flashlight if necessary

Technical Specifications

Power Supply	12 VDC
Test Oil Fill Volume	20 ml
Output Pressure	> 15 PSI
Flow	<6 l/min
Power	65 W

SMOKE LEAK DETECTION LIQUID



250ml

Part number: STR-C678





Part Number: **STR-C19M**

Part Number: **STR-C18K**

Charging Adapters - R134a

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



Part Number: **STR-C131M**

Part Number: **STR-C131K**

Charging Adapters- R1234yf

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

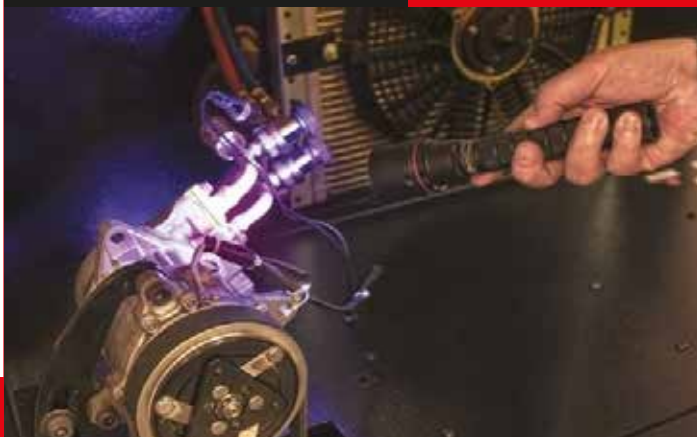


Part Number: **STR-S09**

Micron UV-Lecksuch-Kit

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

Part Number: **STR-S08**



UV LEAK DETECTION DYE

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

100ml (For 13 application)

Part Number: **STR-A41**

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

500ml (For 66 application)

Part Number: **STR-A62**



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

Part Number: **STR-S41**

Hydraulic Hose Crimper Kit

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

Part Number: **STR-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: **STR-A12**



A/C SERVICE PRODUCTS

Universal Valve Core & Tool Box Kit (79 Pieces)						ELC-A23
R-134a Puegeot / 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: STR-A23



HNBR O-Ring-Kit (265 pcs)

265 Pcs
18 Kind A/C O-Ring Set

Part Number: STR-C34



PAO A/C OIL 1 lt

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: STR-A47

★ 100% ★
NON HYGROSCOBIC
HIGH PERFORMANCE
A/C OIL
★★★★★

	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	✓	✓	✗	✗



STR 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: STR-A09

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Starka Autotech products were manufactured in Türkiye by
the air conditioning manufacturer Elci Elektronik.



katalog



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