



Equipment & Training

The ACE1 start-up package will allow the Installation / Service Technician to carry out all procedures in order to commission a new system installation or carry out service and repair work on an existing system. All tooling equipment in the ACE1 package will carry the European CE mark of approval and will have been extensively tested by workshops in the UK.

ACE1 Package

- | | |
|----|----------------------------------------------------------------------------------------------------------------|
| * | Air Conditioning Machine for R134a systems
(full spec available on request) |
| * | Electronic leak detector |
| * | Thermometer |
| * | 13KG R134a bottle (Refillable) + 3 PAG Oils |
| * | Delivery of ACE1 package to customer site |
| * | Basic Machine Training on customer site |
| ** | Option for F Gas training & certification at the same appointment on customer site |
| ** | Optional Extras to ACE1 package:
Nitrogen Pressure Test kit
Dye Injection Kit
* Included
** Extras |

Delivery of equipment and equipment training is provided on the customers site so as there is minimal staff disruption and production downtime. The machine and equipment training is carried out by experienced training staff who will provide you with invaluable information on using the air conditioning equipment safely and effectively.

R134a Refrigerant

All future refrigerant can be supplied through Reader Air Conditioning on the basis that old cylinders are returned or collected once used. This is to comply with new environmental regulations.

Aftersales

The Air Conditioning machine and equipment supplied in the ACE1 package are supplied with 24 months warranty (subject to warranty conditions). The A/C service station will require servicing which can be carried out by the dealer or by Reader Air Conditioning.

F Gas Training

It is essential that all dealers who service and repair air conditioning systems ensure their technicians are trained and hold a DEFRA approved qualification for refrigerant handling that must be in place by July 4th 2010. Reader Air Conditioning can offer this training as part of the IMI level 3 awards training scheme which will give the technician a lifetime accreditation and keep the organisation legal when handling automotive refrigerants. This can be carried out on your site. Ask for details.



Contacts

For the ACE1 Package & F-Gas Training:
Please contact Reader Air Conditioning
* 01483 726300

Product Specifications

ACE1 Package



AT41502 is provided with vacuum pump. This machine is particularly suitable for AC systems which need a refrigerant quantity less than 2 Kg (This will cater for all vehicles but not for large coaches).

General characteristics (for all service stations)

- Enlarged high definition manometers; the pressure gauge system is fitted with spherical valves to reduce the load loss
- Refrigerant recovery and reclaim from AC system in one operation
- Recovered/reclaimed refrigerant stored to a rechargeable tank (provided with safety valves)
- Air and humidity removal prior to recharging of the AC system
- AC system recharging with display of the charged gas quantity
- Above functions are push-button activated and controlled by electronic scale.

Minimum operation required which allows for easy and simple use.

- Highly absorbent de-humidifying filter to eliminate possible impurity in the recovered refrigerant
- Oil injector fitted with non-return valve, to eliminate oil contamination
- Sensor to allow controlled discharge of non-condensing gas remaining in the tank.
- Supply / Service hoses, leak resistant, provided with quick fitting couplings with patented valve system
- Sturdy customised chassis design, with 4 wheels, two of which have brakes.



ELECTRONIC LEAK DETECTOR - AT41570

Main characteristics

This refrigerant leak detector has an electrochemical sensor made of ceramic substrate covered with a reactive agent. The sensor is kept at a high temperature by an in-built mechanism. It is sensitive to all CFCs (R12, R11), HFCs (R134a) and HCFCs (R22, R123).



THERMOMETER - AT41390

Main characteristics

A reliable and accurate instrument for showing interior and exterior vehicle temperatures.

LCD display in °C and °F.

Technical data

Temperature range from -20 to +120 °C

Temperature reading accuracy $\pm 0,3$ °C between -20 and +120 °C

Normal working conditions from 0 °C to +50 °C with max 95% RH.



R134a REFRIGERANT+ PAG OILS

Optional Extras

Dye Leak Detection Kit



REFRIGERANT DETECTION KIT - AT41550

Provided with a complete user friendly and ergonomic injection gun, hose with R134a quick coupler, 12 V UV lamp, dye bottle, goggles and dye cleaner bottle.

Nitrogen Leak Detection Kit



LEAKAGE DETECTION KIT - NITROGEN PRESSURE AT41542UK

This kit is provided with a class 1 manometer. The kit can detect very small leakages. This kit can also be used to verify the settings of the pressure switches and manometer units.

Nitrogen Pressure Regulator



NITROGEN PRESSURE REGULATOR AT41999

40 Bar Nitrogen pressure regulator.
Twin Gauge For high pressure testing.

All prices are exclusive of VAT. AMGR Ltd reserve the right to change product descriptions, specifications and prices without prior written notice.

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