

KOOLKARE AIR CONDITIONING SERVICE EQUIPMENT



PERFORMANCE.
PRECISION.
PRODUCTIVITY.

DUAL GAS 12

The SUN® KoolKare Dual Gas 12 is a professional air conditioning service system designed for the automatic recovery, leak testing, recycling, and recharging of both R134a and HFO1234yf refrigerants. With dual, independent refrigerant circuits in a single unit, it enables efficient air conditioning servicing while ensuring refrigerant purity.



FEATURES:

- Operated via an intuitive touchscreen interface, the fully automatic system runs autonomously to boost productivity, allowing technicians to focus on other tasks while services are completed accurately and efficiently.
- Two gasses, one machine – R134A and R1234YF
- 7" colour touchscreen guides you through the entire process
- Automatic system – start the process and step away to work on other jobs
- Integrated hybrid flushing procedure for service hoses and internal circuits
- Automated vacuum leak detection identifies issues before refrigerant is added
- The comprehensive vehicle database boosts productivity by automatically loading the correct procedures and specifications

PRESS HERE FOR MORE INFORMATION



BLIZZARD QTECH IV

The SUN® KoolKare Blizzard QTech IV is a professional air conditioning service system designed for the automatic recovery, leak testing, recycling, and recharging of refrigerant. Available in two configurations—R134a or HFO1234yf refrigerant— it allows workshops to choose the system that best matches their servicing needs.

The system is operated via an intuitive touchscreen interface that guides technicians through each stage of the service process. Once initiated, the fully automatic operation boosts productivity by running autonomously, allowing technicians to focus on other tasks while air conditioning services are completed accurately and efficiently.



FEATURES:

- Choose your configuration – R134A or R1234YF
- 7" colour touchscreen guides you through the entire process
- Automatic system – start the process and step away to work on other jobs
- Automated vacuum leak detection identifies issues before refrigerant is added
- The comprehensive vehicle database boosts productivity by automatically loading the correct procedures and specifications

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KEY FEATURES

AT-A-GLANCE



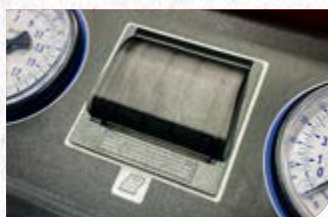
AUTOMATIC SYSTEM

Streamline the servicing process and save time by allowing technicians to start the process and step away to work on other jobs, making it an ideal choice for garages looking to optimise efficiency



COLOUR TOUCHSCREEN

7" Colour touchscreen is intuitive to use and guides technicians through the entire process



THERMAL PRINTER

Integrated thermal printer provides the option to print test results for easy sharing with customers



REFILLABLE CONTAINERS

Hermetically sealed containers eliminate moisture ingress and prevent oil and dye contamination, ensuring a quality air conditioning service



VACUUM LEAK DETECTION

With its automated vacuum leak detection function, the machine identifies system issues before refrigerant is added, helping to prevent wastage and ensure optimal performance



AUTOMATIC SERVICE VALVES

Internal automatic valves manage all operations, eliminating the need for manual taps. Once hoses are connected, the technician can start the procedure and let the system handle the rest, saving valuable time



QUICK COUPLERS

SAE J2788-compliant quick couplers ensure secure hose connection and safe handling during A/C service procedures



ANALOGUE GAUGES

Integrated 100 mm analogue gauges offer quick and easy reference of both high- and low-pressure readings. Dual-scale indicator dials display bar and psi for clear, easy-to-read visibility during operation

| FEATURES | DUAL GAS 12 | BLIZZARD QTECH IV |
|-------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Semi or fully automatic model | Fully Automatic/manual | Fully Automatic/manual |
| Air Purge Feature | Automatic air purge | Automatic air purge |
| Filters | 2 (1 for each refrigerant) | 1 |
| Refillable Hermetic Oil Bottle (PAG46) | Yes | Yes |
| Refillable Hermetic Dye Bottle | Yes | Yes |
| Oil Change Procedure | Yes | Yes |
| Hybrid Function Feature | Yes | Yes |
| Vehicle Database Feature | Advanced/manual input for New Models & Truck | Advanced/manual input for New Models & Truck |
| Automatic Vacuum Leak Check Feature | Yes | Yes |
| Refrigerant Management complies with F-gas regulations on keeping records of gas use in and out | Yes | Yes |
| Nitrogen Leak Check Procedure (With Optional N2 Kit) | Yes | Yes |
| Flushing Operation (with Optional Flushing Kit) | Yes | Yes |

| TECHNICAL SPECIFICATIONS | DUAL GAS 12 | BLIZZARD QTECH IV |
|------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Type of Refrigerant | R134a and HFO1234ys | R134a or HFO1234ys |
| Voltage | 220–240 V / 50–60 Hz AC | 220–240 V / 50–60 Hz AC |
| Scale Resolution | +10 g | +10 g |
| Heated Cylinder | Yes | Yes |
| Working Temperature Range | 11 – 49°C | 11 – 49°C |
| Vacuum Pump Capacity | 100 l/min rated capacity 0.1 mbar vacuum level | 100 l/min rated capacity 0.1 mbar vacuum level |
| Recovery/Refrigerant Cylinder Capacity Feature | 2x 12 L refillable | R134a or HFO1234ys: 12 L refillable |
| Display | 7" Colour Graphic touch screen | 7" Colour Graphic touch screen |
| Overall Size (WxDxH) | 670 x 620 x 1070 mm | 670 x 680 x 1080 mm |
| Weight | 122 kg | 77 kg |
| Service Hose length | 2 sets, 3 m | 3 m |
| Following SAE 2788 | Yes | Yes |
| Class 1 Compliant Gauges | Yes | Yes |
| Onboard Printer | Yes | Yes |

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