

Lucas



LUCAS A/C RECYCLING EQUIPMENT

ALPHA (R134A), BETA (R1234YF) AND GAMMA (R134A)

RECHARGE YOUR CAR OR TRUCK CABIN AIR CONDITIONING
WITH INNOVATIVE AND FULLY AUTOMATIC LUCAS A/C RECYCLING EQUIPMENT.

lucasautomotive.com

OUR RANGE GOES FURTHER



ABOUT LUCAS

Lucas was founded in 1845 and today is the oldest continuously trading automotive brand in the world. For generations the Lucas name has been relied on all over the world, in every country, in any environment. Whatever your challenge, there's an answer in a famous Lucas green box.

Lucas products arise out of technical superiority and a spirit of innovation that has guaranteed ongoing international success with strong values, giving customers the reassurance of excellence. A reputation based on a wide product range, along with exceptional durability and resistance. Guided by the past. Leading in the present. Looking towards the future.

LUCAS ALPHA: KEY PRODUCT FEATURES

- ICE / Hybrid / Electric vehicles compatibility
- Made in India
- Manufactured by ISO9001:2015 Certified factory
- Approved supplier to more than 90% of the OEM service dealer network in India
- Exporting to more than 60 countries
- LCD Monochrome display
- Suitable for Cars & LCV cabins
- Fully Automatic machine (Recovery, Recycling, Vacuum, Leak test & Recharging, Oil drain & integration)
- Option to perform above functions individually
- Dedicated gauge for Inlet pressure
- Filter in recovery line to eliminate humidity & acidity
- Automatic air purge from refrigerant tank with mechanical relief valve
- Automatic Oil injection PAG / POE oil with separate electronic scales
- Automatic High pressure protection for Compressor
- Audible indication / alarm
- Caution & error message / prompt
- Display of Pressure in "psi" / "bar" / "kPa" & Weight in "kg" / "lbs"

- Self diagnosis for checking the fitness of the machine
- Vehicle data base (up to 500 vehicles)
- Vehicle database with User entry provision
- Software update through USB interface
- Vehicle data update through USB interface
- Shock proof protection for load cells
- Hose purge system with separate flush input connectors.

TECHNICAL SPECIFICATION

Type of refrigerant	R134a
Service procedure	Automatic & Manual
Display	LCD Monochrome 20x4
Vacuum Pump	4.5 CFM, ½ hp, 128 Lit/Min. (for 230V AC) 5.0 CFM, ¾ hp, 141 Lit/Min. (for 110V AC)
Compressor	9.1 cc (for 230V AC) 11.4 cc (for 110V AC)
Refrigerant bottle capacity	12 kgs
Power Supply	230 / 110V AC, ±10%, 1φ, 50/60Hz, +N +PE
Power consumption	900 W

STANDARD ACCESSORIES



HP Hose (2.5 mtrs)



LP Hose (2.5 mtrs)



HP Coupler



LP Coupler



HP Connector with despessor



Funnel with hose

LUCAS BETA: KEY PRODUCT FEATURES

- ICE / Hybrid / Electric vehicles compatibility
- Made in India
- Manufactured by ISO9001:2015 Certified factory
- Approved supplier to more than 90% of the OEM service dealer network in India
- Exporting to more than 60 countries
- LCD Monochrome display
- Suitable for Cars & LCV cabins
- Fully Automatic machine (Recovery, Recycling, Vacuum, Leak test & Recharging, Oil drain & integration)
- Option to perform above functions individually
- Dedicated gauge for Inlet pressure
- Filter in recovery line to eliminate humidity & acidity
- Automatic air purge from refrigerant tank with mechanical relief valve
- Tank pressure digital display
- Spark free Compressor and Vacuum pump
- Automatic Oil injection PAG oil with separate electronic scales
- Automatic High pressure protection for Compressor
- Audible indication / alarm
- Caution & error message / prompt
- Display of Pressure in "psi" / "bar" / "kPa" & Weight in "kg" / "lbs"
- Self diagnosis for checking the fitness of the machine
- Vehicle data base (up to 500 vehicles)
- Vehicle database with User entry provision
- Software update through USB interface
- Vehicle data update through USB interface
- Shock proof protection for load cells
- Hose purge system with separate flush input connectors.

TECHNICAL SPECIFICATION

Type of refrigerant	R1234yf (or) R134a (Pre defined)
Service procedure	Automatic & Manual
Display	LCD Monochrome 20x4
Vacuum Pump	4.5 CFM, ½ hp, 128 Lit/Min. (for 230V AC) 5.0 CFM, ¾ hp, 141 Lit/Min. (for 110V AC)
Compressor	12 cc (for 230V AC) 11.4 cc (for 110V AC)
Refrigerant bottle capacity	12 kgs
Power Supply	230 / 110V AC, ±10%, 1φ, 50/60Hz, +N +PE
Power consumption	900 W

LUCAS GAMMA: KEY PRODUCT FEATURES

- Made in India
- Manufactured by ISO9001:2015 Certified factory
- Approved supplier to more than 90% of the OEM service dealer network in India
- Exporting to more than 60 countries
- LCD Monochrome display
- Fully Automatic machine (Recovery, Recycling, Vacuum, Leak test & Recharging)
- Filter in recovery line to eliminate humidity & acidity
- Manual air purge from refrigerant tank
- Automatic High pressure protection for Compressor
- Audible indication / alarm
- Caution & error message / prompt
- Self diagnosis for checking the fitness of the machine
- Check valves to facilitate quick, easy & safe servicing
- Vehicle data base (up to 500 vehicles)
- Software update through USB interface
- Vehicle data update through USB interface
- Shock proof protection for load cells
- Quick coupler provision for new oil & used oil bottle.

TECHNICAL SPECIFICATION

Type of refrigerant	R134a
Service procedure	Automatic & Manual
Display	LCD Monochrome 20x4
Vacuum Pump	4.5 CFM, ½ hp, 128 Lit/Min. (for 230V AC) 5.0 CFM, ¾ hp, 141 Lit/Min. (for 110V AC)
Compressor	12 cc (for 230V AC) 11.4 cc (for 110V AC)
Refrigerant bottle capacity	12 kgs
Power Supply	230 / 110V AC, ±10%, 1φ, 50/60Hz, +N +PE
Power consumption	900 W

Lucas Fluids, A/C Gas and Emergency Lighting GCC

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MADE IN INDIA

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