



AC1000 3G

Fully auto passenger air con service station



Model: AC1000 3G

Product: Fully auto passenger air con service station

Description: This full automatic refill machine will allow you to check the air conditioning system in your vehicle in an easy way. There's nothing easier than programming your A/C settings and walking away to let the machine do its job. The Zell AC1000-3G is here to match your needs and busy lifestyle. Especially during the summer months, vehicles are going to need A/C service. Older vehicles will need this performed more regularly, due to leaks and system inefficiencies. That's why you need a fast, reliable way to recharge those drained systems. While the machine works, your techs can perform other inspections and truly provide the best possible customer care in your region.

Features:	Benefits:
Fully automatic	By the press of a button, the machine will automatically drain the oil, vacuum and do a vacuum test, inject oil and recharge the system. Before the automatic function can be used, you will need to pre-enter the quantity of oil and new gas is enough.
Recovery	Recovery operation is the process that the Air-Con Service Station sucks the refrigerant from the vehicle A/C system, purities it and stores the gas in the working tank.
Vacuum and vacuum test	Vacuum operation is the process that the AC Service Station evacuates the vehicle A/C system into a vacuum state. The small quantity gases are exhausted outside. In the process, the pressure inside the A/C changes from the relative zero to absolute zero. There is a vacuum test function after the operation, which is a easy way to check if there are any leakages in the AC system.
Oil injection	This operation injects new oil into the AC system.
Recharge	This allows the machine to fill the AC system with new gas.
Vacuum and vacuum test	Remove air and moisture from the AC system.
Oil injection	This operation injects new oil into the AC system.
	Efficiency: Fully automatic air conditioning service station units streamline the process of diagnosing, servicing, and recharging automotive air conditioning systems. This efficiency allows the fitment center to serve more customers in less time, increasing overall productivity.



	Precision: These units are designed to provide precise measurements and adjustments to air conditioning systems, ensuring that refrigerant levels, pressures, and temperatures are within manufacturer specifications. This precision results in more effective air conditioning performance.
	Quality of Service: The use of a fully automatic unit ensures consistent and high-quality service, reducing the risk of errors or oversights that can occur with manual servicing. This enhances customer satisfaction and trust in the fitment center's services.
	Cost Savings: While the initial investment in the equipment may be significant, it can lead to cost savings over time. Accurate diagnostics and efficient servicing can extend the lifespan of air conditioning components, reducing the need for costly repairs or replacements.
	Technician Safety: Fully automatic units often come with safety features that protect technicians from exposure to refrigerants and other potentially harmful substances. This enhances workplace safety and minimizes health risks.
	Compliance with Regulations: Using specialized equipment ensures that the fitment center complies with environmental regulations governing the handling and disposal of refrigerants and other chemicals. Compliance reduces the risk of fines or legal issues.
	Customer Satisfaction: Efficient and effective air conditioning service is crucial for customer comfort and satisfaction, especially in hot weather. Satisfied customers are more likely to return for future service needs and recommend the fitment center to others.
	Competitive Advantage: Equipping the fitment center with a fully automatic air conditioning service station unit sets it apart from competitors that may rely on manual or less advanced methods. This can attract more customers seeking reliable air conditioning services.
	Environmental Responsibility: Many fully automatic units are designed with environmental considerations in mind, including the recovery and recycling of refrigerants. This promotes the fitment center as environmentally responsible, which can be an attractive feature for customers.



	Technician Training: Investing in specialized equipment may require training for technicians. This not only improves their skills but also provides them with valuable expertise in servicing modern air conditioning systems.
	Long-Term Investment: High-quality fully automatic air conditioning service station units are built for durability, providing a reliable and long-lasting solution. This long-term investment can offer a high return on investment over the equipment's lifespan.
Training available	Technicians can be professionally trained to use the machine and get the maximum benefit from it.
1 year warranty	The machine will be repaired if there are any factory faults and can be replaced if required.
Spares available	Should you have a breakdown you will not have to wait for your machine to be repaired. If there is anything we don't have, we fly it in directly from the Suppliers.

Technical information	
Refrigerant	R134a
Temperature	5 - 50 °C
Max Pressure	18 bar
Power	220v / 50hz
HP/LG gauges	80mm/class 1.0
Tank gauge	40 mm
LCD back lit	12*64 dot
HP/LP hoses	250cm/SAEJS2196
Compressor	3/8hp, 14cc
Fan/condenser	Yes
Filter drier	80kg
Vacuum pump	120L/min, 4.2 cfm
PAG bottle	250ml
Electronical scale	1g-30kg
Printer	Included
Weight	95kg
Dimensions	500*700*1010 mm

