



**AC519+**

# AC519+

## A/C Service Station



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*AC519+ is a fully automatic intelligent automobile air-conditioning maintenance equipment suitable for fuel vehicles, pure electric vehicles and hybrid vehicles. It integrates functions such as disassembly-free cleaning, refrigerant recovery, filling, vacuuming, etc. It can effectively improve problems such as poor air-conditioning cooling effect, heavy compressor load, etc.*



**Applicable to fuel vehicles, BEV, EVs and hybrid vehicles**



**Android operating system, 10.1-inch touch screen**



**New pipeline logic patent design**



**Support ST13 terminal remote control**



**Support PAG/POE refrigeration oil, UV detection liquid**



### Features

1. Equipped with automobile refrigerant model database, the database is updated free of charge.
2. Supports two refrigerants: R134A or R1234YF.
3. Support filling of PAG refrigeration oil, POE refrigeration oil and UV detection fluid.
4. The vehicle air conditioning pipeline can be leak tested and the leak point can be located by adding UV detection liquid.
5. 128L/min dual-stage vacuum capacity, significantly boosts work efficiency.
6. The automatic mode can complete operations such as cleaning, recycling, vacuuming, filling refrigeration oil, and refrigerant with one click. Each function can also be executed independently.
7. Built-in Android system, supports ST13 terminal remote control.

### Functions

- 1. Air-conditioning pipeline cleaning:** Clean the air-conditioning pipelines, remove sludge, powder and other impurities inside the pipelines, replace the refrigeration oil more thoroughly, improve compressor lubrication, and improve the refrigeration performance of the air-conditioning system.
- 2. Refrigerant recovery:** The refrigerant in the automobile air conditioning system is purified and regenerated and then recycled into the working tank to meet the standards for reuse.
- 3. Vacuuming:** Achieve vacuuming of air conditioning pipelines and equipment pipelines.
- 4. Leakage detection:** The vehicle air conditioning pipeline can be leaked and the leak point can be located by adding UV detection liquid.
- 5. Refrigeration oil filling:** Supports manual/automatic filling, and realizes intelligent and precise filling through the built-in electronic scale.
- 6. Refrigerant filling:** Add refrigerant to the vehicle according to the set filling amount.
- 7. Automatic mode:** According to the set parameters, automatically perform cleaning, recovery, vacuuming, filling of refrigeration oil, and inject refrigerant and other operations.
- 8. Database:** Equipped with automobile refrigerant model database, supports database calling, no manual setting is required.
- 9. Print:** Supports printing of device execution results.

### Parameters

Power supply	AC110V/AC220V 50Hz/60Hz	Electronic scale accuracy	10g
Power	1000W	Compressor capacity	1/2HP
Working environment temperature	10~50°C	Vacuum pump capacity	dual-stage 128L/min
Display	10.1-inch touch screen	Working tank capacity	22kg
Oil bottles	4 (PAG, POE, UV, USED)	Filter handling capacity	120kg
Electronic scales	5 (main tank, PAG, POE, UV, USED)	Product size	1135mm(H) × 660mm(D) × 530mm(W)

***The new patented pipeline logic design and scientifically integrated oil and gas separation module bring more efficient and stable working conditions.***

