

New

O P T M A



B.C.S.Begjinning Check System







AUTOMATIC RECOVERY-RECYCLING-VACUUM-CHARGING UNIT WITH NEW TOUCH SCREEN











Automatic unit R/R/V/C

Model: OPTIMA

Code 13003093

Automatic unit R/R/V/C with printer

Model: OPTIMA/P

Code 13003094

Kit connections and hoses for R134a

Model: K-134 Code 14010100 Kit connections and hoses for R1234yf

Model: K-1234

Code 14010101

Hermetic Starting Kit POE, PAG & UV

Mod: K-START-BELLOW

Code 14028031

A SINGLE MACHINE DESIGNED FOR R1234yf or R134a

OPTIMA is the NEWEST unit born in the WIGAM factory . It represents the New Generation of Stations for recovery , recycling , vacuum and charge for the maintenance and repair of vehicle air conditioning systems.

Totally designed and produced by WIGAM, OPTIMA encompasses the most innovative features on the market today, combining Technology and Simplicity in perfect harmony.

Thanks to its New 7" Touch Screen Display, OPTIMA can be set up according to one's own working habits, by choosing among multiple options and personalizing the daily use.

In compliance with the WIGAM tradition, OPTIMA enjoys a design concept that allows the maximum accuracy of the refrigerant quantity, both in the recovery and the charging phase, in line with the industry standards and in full respect of the environment. The 3 independent

scales with 1g resolution, managing Oils and Additives, allow to operate in a safe and reliable way on Hybrid and Full Electric Vehicles.

OPTIMA is also set up to work with Hermetic Disposable Bellows bottles, through the purchase of the appropriate kit.

The set-up has also been created for the "PLUG-IN" installation of the state of the art Refrigerant Analyser which interacts directly with the software and for the WIFI packet.

OPTIMA is the follow-up of the family of WIGAM's VARIANT models. An only unit designed to be able to work with either R134a or R1234yf. By means of the purchase of the appropriate completion kit, OPTIMA will be selected for the requested refrigerant during the first starting phase and through a retrofit operation, it can be converted to the use with the other refrigerant.



MAIN FUNCTIONS

- HYBRID-READY: AUTO-CLEAN function for hybrid and electric vehicles.
- Completelly automatic unit:
 - Automatic Recovery / Recycling.
 - Automatic Vacuum / Vacuum test.
 - Automatic oil discharge (with scale).
 - Automatic PAG, POE and UV oil charge.
 - · Automatic refrigerant charge.
 - Automatic personalized cycle (recovery-vacuum-charge).
 - · Flushing cycle.
- Database upgradeable with USB memory.
- Versions with printer (mod. OPTIMA/P) and without (mod. OPTIMA)
- Customized paper report with workshop / operator data.
- Possibility to enter customer data (plate number, chassis number, km, ...).
- Automatic alarm for service: the unit advises when you have to replace the filter and oil in the vacuum pump.
- · Automatic bottle pressure control.
- Periodic auto-test: the unit checks the internal circuit tightness every 20 days.
- Pressure test: before the charging phase, the machine performs the test pressure with refrigerant of the A/C system.
- Pressure test with nitrogen or AZOIDRO (N₂+H₂).
- Distillation with automatic control.
- Integrated room temperature probe.
- Ready for wifi connection (optional).
- Ready to integrate a refrigerant analyzer (optional).











UV charge

Olio charge



Recovery



Vacuum

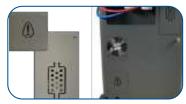
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Technical features

Refrigerants	R1234yf - R134a	Refrigerant scale resolution	5 g
Recovery rate	300 g/min	Oil/UV scale resolution	1 g
Recovery accuracy	+/-15g	Storage temperature	-10 to +50°C
Recovery efficiency	>95%	Working ambient temperature	+10 to +50°C
Pump swept volume	100 l/min	Power supply	230/1/50
Bottle capacity	10 ka	Dimensions and weight (without package)	47 x 55 x 90 cm / 64 kg



7" new intuitive Touch screen.



ESS EASY-SERVICE-SYSTEM Direct access to replace filter and vacuum pump oil.



Graphical database by brand.



HERMETIC STARTING KIT 3x260ml(POE+PAG46+PAG100) +1x125ml(UV) + 2xAdapters



I.A.S. INTELLIGENT ALERT SYSTEM



B.C.S. BEGINNING CHECK SYSTEM.