

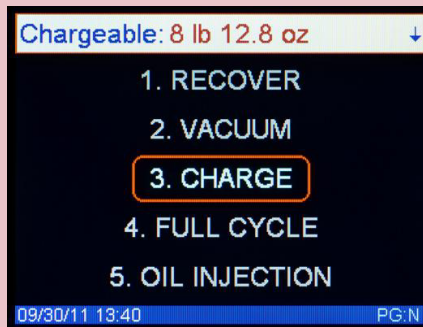
# Refrigerant Management System 37880 Series Automatic



# YELLOW JACKET®



## Now with full color graphic display



and.....

- Advanced user interface and onboard diagnostics
- Automatic scale calibration
- Vacuum hold feature



## Remote troubleshooting

System giving you trouble and you're looking for a fast fix? Simply connect your system to a PC via USB and your service technician can troubleshoot remotely or at your location. Our unique software program walks the service center step-by-step through the troubleshooting process, allowing the technician to diagnose and quickly recommend a fix. This software also allows you to change the display logo, update the firmware and change models for upgrades.

With over 10 years experience building automated A/C systems and a 60 year reputation of building quality HVAC service tools, Ritchie Engineering knows what it takes for service technicians and shop owners to meet today's tough service standards - A/C service centers that are quick and easy to operate while lowering A/C service costs.

That's why we designed the YELLOW JACKET® Refrigerant Management System (RMS) 37880 Series with SAE J2788 approval. The 37880 Series provides full cycle recovery/recycle/evacuate/recharge to bring the vehicle back to factory specifications. The simple numeric keypad and full color display walk you quickly through each step for easy operation and fast service.

### 37880 features include:

- Built-in oil injection
- High-side or low-side charging.
- Fully automatic air purging constantly monitors and purges non-condensables.
- Fast tank refills with no hose changes.
- Refrigerant management system that keeps track of information on A/C service work.
- Built-in self diagnostics.
- Maintenance reminders for oil and filter changes.
- Automatic scale calibration to +/- 1/4 oz. exceeds industry specifications for accurate charging every time
- Automatic shut-off for full tank and high pressure.
- Heavy duty shock resistant scale for accurate charging.
- Two-stage, 3 or 5 cfm vacuum pump for fast, high-efficiency evacuation.
- Twin 1/2 hp compressors for speed and reliability.
- Fully factory tested after a 34-point quality check.
- Free training, set-up and lifetime technical support



## RMS 37887 with unique flush feature OEM approved for use with high voltage compressor A/C systems.....

- Allows simple and quick clearing of the service hoses to minimize PAG oil contamination.
- Reduces oil contamination well below allowable amount.
- Eliminates the need to worry about cross contamination of oil.
- Fully automatic.
- 50 lb. storage tank.
- Also available with integrated printer and identifier (37888).
- Lifetime technical support.



**Made in the U.S.A.**

## YELLOW JACKET® RMS 37880 Series *Automatic* delivers the performance you need:

Improved charge program for faster vacuum charge and proper charge every time.

Maintenance reminders.

10-foot premium YELLOW JACKET PLUS II™ hoses for easy connection to even hard-to-reach fittings.

Approved to SAE J2788 with hybrid addendum.

Automatic scale calibration to  $\pm 1/4$  oz. exceeds industry specs and assures accurate charging every time.

High impact ABS plastic cabinet with rounded corners and edges to help prevent damage to vehicles.

Modular design for easy repair and maintenance.



3.5" color-coded gauges with follower needles are easy-to-read even from inside the vehicle.

For preventative maintenance, an LCD alerts the technician to change vacuum pump oil and filters.

Technician can choose from high or low side charging for autos with only one service fitting.

Large pneumatic tires for ease of mobility.

Free training and set up with every RMS 37880 purchase.

Training video at [www.yellowjacket.com/trainingvideos.asp](http://www.yellowjacket.com/trainingvideos.asp)

One-year parts and labor warranty.

Free lifetime technical support.

### FEATURES AT A GLANCE

Fully automatic recover/recycle/evacuate/recharge
Auto oil and air purge
Built-in oil injection (excluding 37887 and 37888)
Optional integrated refrigerant identifier and printer
Improved vacuum/charge program for faster vacuum
Maintenance reminders
Large 3.5" easy-to-read color gauges
Hi and Lo side charging
50 lb. cylinder
Meets SAE J2788 with hybrid addendum

### RMS 37880 Series Specifications

Recovery tank	50 lbs.
W x D x H	19.5 x 29 x 45"
Weight	219 lbs.
Compressors (two)	1/2 hp hermetic
Vacuum pump	2-stage 3 cfm
Hoses	10 foot (15 foot on 37882 and 37886)
Air purge	Automatic
Hour meter	Yes

UPC #	Description
37830	Automatic RMS with printer
37837*	Hybrid Compatible RMS with printer
37880	Automatic RMS
37881	Automatic RMS Deluxe with printer and identifier
37882	Heavy Duty RMS with 15' hoses and 5 cfm vacuum pump
37885	Automatic RMS - 230V
37886	Heavy Duty RMS with 15' hoses and 5 cfm vacuum pump - 230V
37887*	Hybrid Compatible RMS
37888*	Hybrid Compatible RMS with integrated printer and identifier
37889	Automatic RMS with integrated micron gauge

\*For use with high voltage compressor A/C systems.



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