

## INNOVATORS FROM THE START

Modine Manufacturing Company was founded in 1916 on Arthur B. Modine's vision for excellence and innovation in thermal management technology.

In 1922, Modine entered the HVAC industry with his historic invention of the hydronic unit heater. Today, that same innovative, entrepreneurial spirit continues through our Commercial and Industrial Solutions that are among the most comprehensive in the world.

Innovation is what started our company and keeps us going and our heat transfer solutions have set industry standards for efficiency, economy and durability. For over a century, Modine continues to be a trusted name and millions of HVAC&R related products for residential, industrial, and commercial air conditioning, heating, ventilation, and refrigeration markets bear the Modine logo. Including other popular products used in industries such as renewable energy, power generation and automotive.

Modine, with its ISC registered trademark, produces service equipment for the charging and maintenance of A/C systems in cars, heavy goods vehicles and machinery in agricultural and marine segments.



Company founder A.B. Modine



Our Gas Analyzer.

# ICEGARD NEW PRODUCT RANGE



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# ICEGUARD NEW PRODUCT RANGE

## ICEGARD ORO

This service machine is the result of a 40-year journey merging experience, technical know-how and state-of-the-art solutions.

There are two versions available, for R134a and for the latest R1234yf. ICEGARD ORO guarantees maximum performance in compliance to rigorous safety and environmental standards. ICEGARD ORO is equipped with a 4.3 inch graphic display screen that facilitates operations, thanks to clear and intuitive icons.

The 5 integrated oil flasks available for all types of vehicles, both hybrid and non-hybrid, enable to complete the injection phase with absolute precision. In the R1234yf version, it is possible to add a new generation Gas Analyzer, which protects the equipment from improper use and enables the operator to detect possible critical issues.

Thanks to these features ICEGARD is one of the most comprehensive machines on the market, with unrivaled quality/price ratio!

| ICEGARD ORO     | 8101210400             | 8101210450 |
|-----------------|------------------------|------------|
| Fluid Type      | R1234yf                | R134a      |
| Dimenisons (cm) | 120x70x70              | 120x70x70  |
| Logic board     | 132 77H4               | 132 77H4   |
| Upgrading       | USB                    | USB        |
| Display         | TFT 4.3"               | TFT 4.3"   |
| Keyboard        | 18 keys                | 18 keys    |
| Printer         | YES                    | YES        |
| Compressor      | 14cc                   | 14cc       |
| Vacuum pump     | 100l/min               | 100l/min   |
| Tank            | 10kg                   | 25kg       |
| Heathing belt   | YES                    | YES        |
| Heathing belt   | Control by logic board |            |
| Tank cell       | Lifted                 | Lifted     |
| Oil PAG         | With cell              | With cell  |
| UV PAG          | Timed                  | Timed      |
| Oil POE         | With cell              | With cell  |
| UV POE          | Timed                  | Timed      |
| Drained oil     | With cell              | With cell  |
| Drained oil     | Polypropilene standard |            |
| Service hoses   | 3m                     | 3m         |
| HP gauge        | D80 1.6                | D80 1.6    |
| LP gauge        | D80 1.6                | D80 1.6    |
| Tank gauge      | Elettronic             | Elettronic |
| N2              | -                      | -          |
| Flux            | YES                    | YES        |
| Gas Analyzer    | Option                 | -          |

## ICEGARD ROSSO

ICEGARD ROSSO is safe and reliable! It was designed to manage the current gases used in vehicles (R134a and R1234yf) and it can also serve systems that work with POE oils.

It is equipped with a 4-line display screen and user friendly keyboard.

Operators are accompanied step-by-step thanks to clear messages available in 18 languages.

The ICEGARD ROSSO is outfitted for use of a Gas Analyzer.

An important feature of this machine is that it is fully automatic.

The ICEGARD ROSSO database can be updated or the service data managed via a USB flash drive.

ICEGARD ROSSO is an efficient, manageable and easy maintenance service machine!

| ICEGARD ROSSO   | 8101010400             | 8101010410 |
|-----------------|------------------------|------------|
| Fluid Type      | R1234yf                | R134a      |
| Dimenisons (cm) | 120x70x70              | 120x70x70  |
| Logic board     | 132 77H3               | 132 77H3   |
| Upgrading       | USB                    | USB        |
| Display         | 4x20                   | 4x20       |
| Keyboard        | 18 keys                | 18 keys    |
| Printer         | SI                     | SI         |
| Compressor      | 14cc                   | 14cc       |
| Vacuum pump     | 70l/min                | 70l/min    |
| Tank            | 10kg                   | 10kg       |
| Heathing belt   | Optional               | Optional   |
| Heathing belt   | Control by logic board |            |
| Tank cell       | Lifted                 | Lifted     |
| Oil PAG         | With cell              | With cell  |
| UV PAG          | Timed                  | Timed      |
| Olio POE        | Timed                  | Timed      |
| UV POE          | -                      | -          |
| Drained oil     | With cell              | With cell  |
| Drained oil     | Polypropilene standard |            |
| Service hoses   | 3m                     | 3m         |
| HP gauge        | D80 1.6                | D80 1.6    |
| LP gauge        | D80 1.6                | D80 1.6    |
| Tank gauge      | Elettronic             | Elettronic |
| N2              | YES                    | YES        |
| Flux            | YES                    | YES        |
| Gas Analyzer    | Optional               | -          |

## ICEGARD BLU

A brand new ICEGARD service machine! Completely automatic and also includes an easy-to-use version for buses. ICEGARD BLU stands out for the 38-kilogram cylinder which places this machine at the top of its category.

Another important feature is the easy maintenance!

The ICEGARD BLU version for refrigerant R1234yf is a fully accessorized base model with the possibility to add a Gas Analyzer.

The ICEGARD BLU database management is carried out via USB.

It is also equipped with a 4-line display screen.

These quality features are distinctive of this product range!

| ICEGARD BLU     | 8101304400             | 8104304450   |
|-----------------|------------------------|--------------|
| Type            | R1234yf                | HD           |
| Fluid Type      | R1234yf                | R134a        |
| Dimenisons (cm) | 120x70x70              | 120x70x70    |
| Logic board     | 328 77F3               | 328 77F3     |
| Upgrading       | USB                    | USB          |
| Display         | 4x20                   | 4x20         |
| Keyboard        | 4 keys                 | 4 keys       |
| Printer         | YES                    | YES          |
| Compressor      | 9cc                    | 14cc         |
| Vacuum pump     | 70l/min                | 226l/min     |
| Tank            | 10kg                   | 38kg         |
| Heathing belt   | opt                    | SI           |
| Heathing belt   | Control by logic board |              |
| Tank cell       | Lifted                 | Lifted       |
| Oil PAG         | Timed                  | Timed        |
| UV PAG          | Timed                  | Timed        |
| Oil POE         | Optional kit           | Optional kit |
| UV POE          | Optional kit           | Optional kit |
| Drained oil     | With cell              | With cell    |
| Drained oil     | Polypropilene standard | PET 250cc    |
| Service hoses   | 3m                     | 5m           |
| HP gauge        | D80 - 1.6              | D80 - 1.6    |
| LP gauge        | D80 - 1.6              | D80 - 1.6    |
| Tank gauge      | D50 - 1.0              | D50 - 1.0    |
| N2              | YES                    | -            |
| Flux            | YES                    | -            |
| Gas Analyzer    | Optional               | -            |

## ICEGARD VERDE

Robust and practical with sleek, modern design!

This machine's "database" comes as a standard feature, enabling the operator to perform accurate servicing.

ICEGARD VERDE is equipped with a diagnostics system that facilitates servicing and repairing A/C systems through clear and concise messages.

ICEGARD VERDE machines comply with the SAE regulations governing refrigerant recovery and recharge, ensuring quality and savings!

| ICEGARD VERDE   | 8100904430             | 8100904420  |
|-----------------|------------------------|-------------|
| Fluid Type      | R134a                  | R1234yf     |
| Dimenisons (cm) | 120x70x70              | 120x70x70   |
| Logic board     | 328 77F2               | 328 77F2    |
| Upgrading       | Memory Card            | Memory Card |
| Display         | 2x16                   | 2x16        |
| Keyboard        | 4 keys                 | 4 keys      |
| Printer         | Optional               | Otional     |
| Compressor      | 9cc                    | 9cc         |
| Vacuum pump     | 70l/min                | 70l/min     |
| Tank            | 10kg                   | 10kg        |
| Heathing belt   | Optional               | Optional    |
| Heathing belt   | On vacuum pump         |             |
| Tank cell       | Down scale             | Down scale  |
| Oil PAG         | Timed                  | Timed       |
| UV PAG          | Timed                  | Timed       |
| Oil POE         | With kit               | With kit    |
| UV POE          | With kit               | With kit    |
| Drained oil     | NO cell                | NO cell     |
| Drained oil     | Polypropilene standard |             |
| Service hoses   | 3m                     | 3m          |
| HP gauge        | D80 - 1.6              | D80 - 1.6   |
| LP gauge        | D80 - 1.6              | D80 - 1.6   |
| Tank gauge      | D50 - 1.0              | D50 - 1.0   |
| N2              | YES                    | YES         |
| Flussaggio      | YES                    | YES         |
| Gas Analyzer    | -                      | -           |

