

UNIMEDICAL LAB



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THE REFRIGERATOR READY TO INSTALL

without any modification of the structure of your laboratory bench!

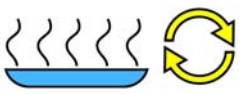
**UNIMEDICAL LAB**, is the professional solution suggested by Unifrigor for laboratory furnishing, consisting of refrigerated tables with incorporated condensing unit, chillers with programmable temperature  $+1/+15^{\circ}\text{C}$ . Designed specifically to be used in laboratory furnishing, with its reduced dimensions, this cabinet is the right answer to all your needs because:



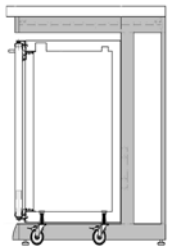
1. You can move the cabinet from one part of your laboratory to another. Therefore you can easily redesign the layout of your laboratory without making any modification to your bench with the result of an extreme flexibility free of charge.



2. it is "plug and play". With the incorporated condensing unit you have simply to supply it, without any other operation for installation that can cost money.



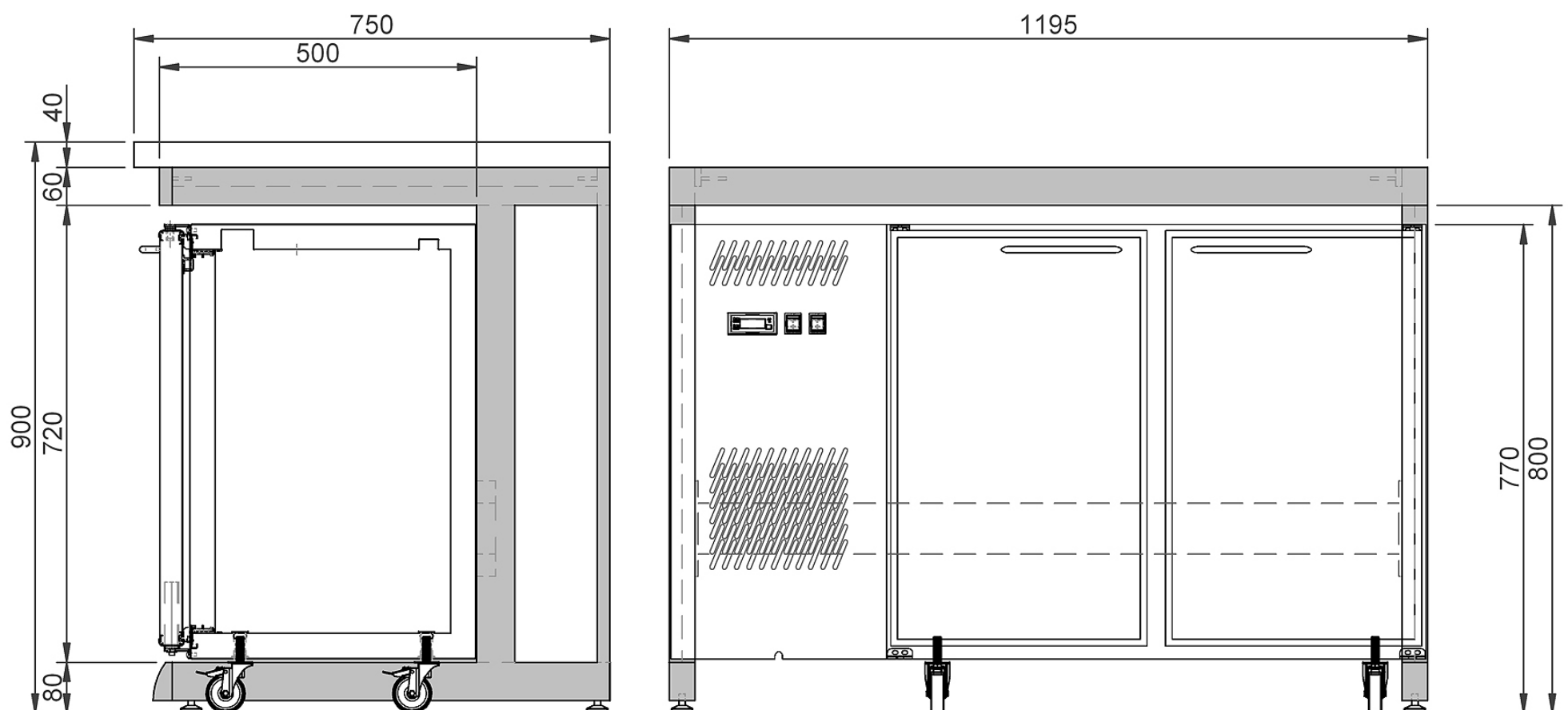
3. automatic defrost electronically controlled with evaporation of defrosting water using hot gas system. This means that not using any more electric resistors we can either reduce energy consumption and also have a more safe cabinet.



4. You have a cabinet fitting perfectly under your bench, length 1190 mm including motor unit and height 770 mm including wheels, without requiring any structural modification of your bench. The cabinet is a multiple of a standard set of drawers therefore easy to move.



5. Using wheels you can benefit of total freedom and you can easily move the cabinet also when you need to clean your room.





**SAFETY and ALARMS: UNIMEDICAL LAB** is a real professional cabinet which grant you the maximum of security for the product you have to store. Using a digital HACCP controller (thermostat/thermometer) you can manage with precision the internal temperature and you have also a report of different types of alarms. The **digital HACCP controller** (Thermostat/Thermometer) is standard on all lines.



On the screen it shows you the temperature and the time. Moreover it is provided of an acoustic and visual alarm and it is prearranged to connect a remote alarm using a contact without voltage.

Information on alarms are complete, including details on type of alarm (temperature alarm exceeding minimum or maximum limit or black out alarm), date, time and duration of the alarm. Last 20 alarms, which are automatically recorded and stored, are easily accessible by pressing one of the HACCP buttons. Moreover, this list can be also protected by password.

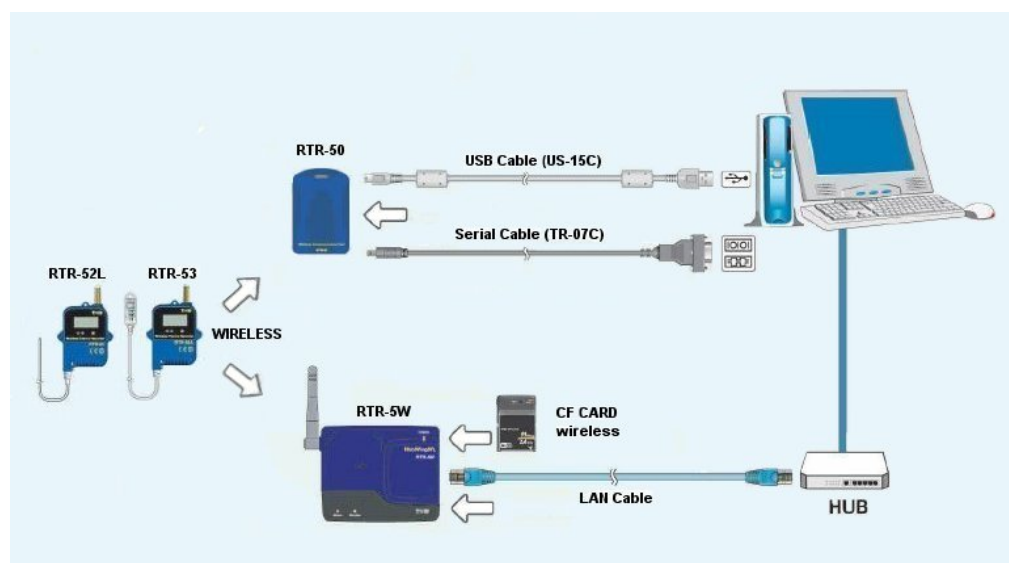


As optional is available an **infrared printing kit**. It can collect data of any alarm recorded by the thermostat (up to 40 refrigerators) in order to print them directly on every type of printer equipped with infrared rays port (IrDA protocol), without using a PC.

## UniWireless

It is the **wireless data recorder** (made in Japan) using an exclusive short wave technology (frequency 433 Mhz, compatible with medical, scientific and industrial environment) suggested by Unifrigor.

**Easy and quick to install**, without using any wiring, with a maximum transmission distance up to 150 metres if direct and unobstructed. Totally waterproof, the Uniwireless, represents the ideal solution to monitor at distance the real temperature inside the tank of your refrigerator.



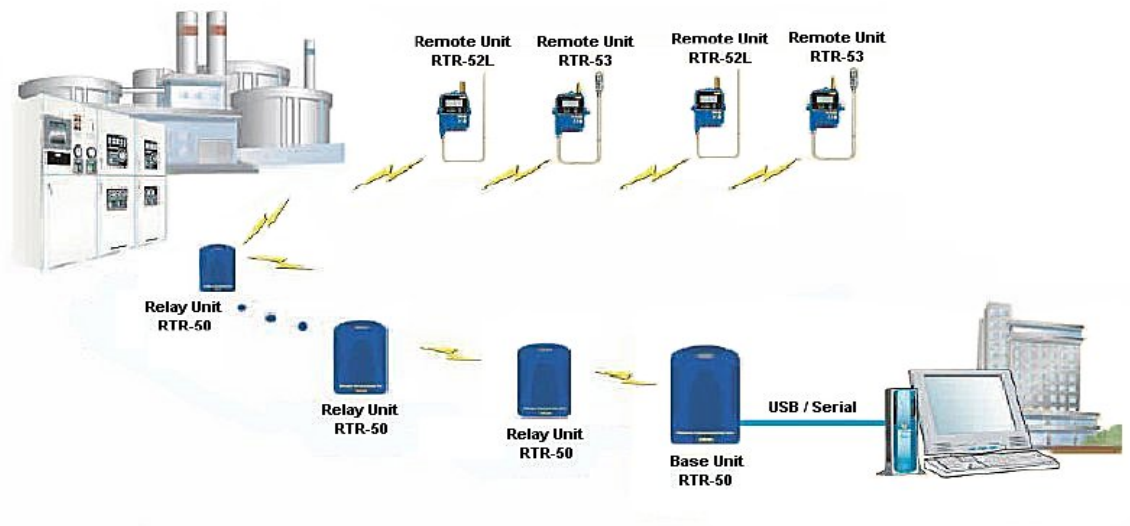
This compact and easy data recorder is available for recording only temperatures (mod. RTR-52L), or for recording temperatures and also humidity (mod. RTR-53).

The communication with the receiver can be either wireless or optical, and in this last case the system is totally similar to a classic **"data logger"** and you need to put in touch the recorder unit with the receiver unit in order to transfer your data.

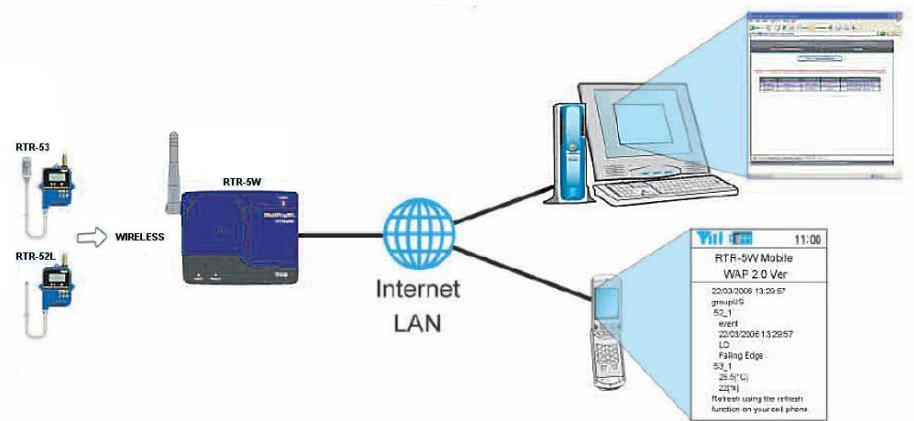
The receiver can be used also as radio link when you have a distance higher than the maximum transmission range and it is available with USB connection or with ETHERNET connection.

The software can be personalized setting main parameters including also the possibility of sending a warning e-mail and using a receiver with ETHERNET connection, can also send a warning sms on your mobile phone.

This device is really important because let you **“track and get data, anytime, anywhere”** in order to be sure of preservation conditions of the products stored in the refrigerator. Monitoring temperatures and alarms on your PC you can operate in good time to keep safe your product.



This optional, which is more and more used, is **the best possible investment for protection of your product, maybe also expensive, that you need to preserve at stable temperature in a refrigerated room.**



The **Power station** will supply the digital controller in the event of power failure. By this device, it is possible to maintain all the important functions of the digital controller, such as temperature display, alarms and buzzer. The maximum time of autonomy is about 24 hours.

Dimensions 100x355x170 (h) mm.

**The structure of the cabinet** inside and outside is in stainless steel AISI 304 “Scotch Brite” finishing touch, or in white skinplate. The internal usable volume is 80 litres for each door.



**Doors are self closing** in order to grant always a good cool tight. Moreover this automatic closing system is equipped with a **brake at 90°** for a better access to the inside tank. To store safely you products every cabinet is equipped as standard of **key closing**.



An internal adjustable shelf with hooks is supplied as standard for each door: embossed aluminium for cabinet with exterior in dark grey skinplate and stainless steel for cabinet with exterior in stainless steel.

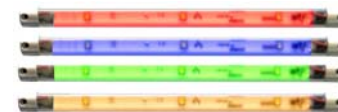
Lighting system is standard on all models. Glass door cabinets are equipped basically of neon lighting system granting a good lighting and an easy replacement of the lamp.



Alternatively it is available the new version ENERGY SAVING provided of LED lighting system granting an excellent lighting inside the tank together with an important energy saving up to maximum 50% comparing to neon light system.



Moreover LED lighting system is available also in different colours to let you customize even more your furnishing.





**CFC free coolant** not polluting and respecting the environment.

Defrosting process electronically controlled



1



2



3

As standard the cabinet is equipped with feet adjustable from the inside of the refrigerator (1), but, by request, they are available also wheels (2) or a higher feet, adjustable only from the outside (3).

**Electric installation** (230 V / 50 Hz/1), CE compliant, is also provided with protection system based on fuses.

**Specials versions with 115V / 60Hz or 220V / 60HZ power supply are available as optional**

