

## Humidity analyzer

Quick and reliable determination of the moisture content in liquids, in solid and thick objects, following the lathermos gravimetric method. Scale with a magnetic compensation limit for the weighing, improving the performances and precision of a conventional laboratory oven.



The new humidity analyzer HLV120 saves time and work and improves the speed of the procedures with a:

- Fast analysis and great Precision, done in an uniform process and with a better time between measures.
- Fast determination of the parameters and ways of drying together with the configuration of automatic and intelligent criteria of auto off.
- Adequate drying without risk of destroying the sample.
- High flexibility for the analysis of a wide variety of samples and the storing of data and results.
- Editable formats to print the results of the analysis and the statistics of the different samples.
- Its high Precision and function of the weighing allow to use also the equipment as a scale of only weight.

This type of equipments needs the appropriate environment:

- Limiting its exposition to vibrations the scale achieves a really high repeatability in its analysis.
- Excellent Precision in any condition of brightness thanks to the configuration of the contrast and the option of inverting the colors of the display.
- Removable pan of samples for its cleaning and protection against the introduction of solid material.
- Internal memory to store up to 1000 results ( Method/Batchwise).

The humidity analyser is ideal as a measurement and analysis equipment for inspections in the entrance of products, lines of production and control of quality.



Guide to on-display menu



RS232 output, USB, Ethernet, Foot and PS2



Sample plate



Bubble level



2 Adjustable feet



Software



Graphical representation of drying



(h Lid Open=360)  
Dimensions (mm)

• **Halogen lamp**

• **Uniform heat and quick analysis**

5 modes of programmable drying and increase of eligible temperature ( in mode of drying “steps”). Graphic representation of the drying: graphic of the results available during the sample process.

• **Internal memory**

The memory of the internal results allows saving the last 1000 analysis done. It includes a protection with password to prevent the non authorized process to the results and the modification of the parameters of analysis.

• **Connectivity**

Outing RS232 with format PC/Print.

PS2, connection pre-keyboard.

Ethernet, optional at request.

USB port for the transmission of data to the PC. Control of the procedure via software. The application allows the user to control the functions through a virtual scale. (Including CD software, for windows x32 bits and x64 bits).

The commands “start log” and “stop log” will allow the user to keep and recover the data in format txt for posterior working with them.

• **Switch for the multifunction foot**

Functions of the switch with configurable foot start/stop/tare/print/toogle (change of unity).

	Features
Automatic correction of temperature	Yes
Minimum weight of the sample	0,2g
Humidity resolution	0,01%
Results % humidity % solid matter	%M, %D, %R, G/L, %M Atro, %D Atro
GLP	Yes, configurable by the user
Calibration	External
Display type	LCD matricial
Range of temperature of working	30°C to 200°C
Range of temperature of drying	30°C to 175°C
Range of temperature standby	30°C to 100°C
Memory of the drying process	40 method x 25 results/ 1000 batchwise
Viewing of drying	Yes (frontal windows and graphic on screen)
Criteria of configurable auto switch off	Auto, manual, defined by the user, weight/time, defined by the user per % unity/time, intelligent
User's passwords	Yes
Language	English
Accessories of series	Gauge of temperature, 25 plates for sample included, dust cover, blister and RS232 cable
Excitation	230V 50Hz
Net weight	6,4 kg

Certifications	
ENAC	
Code #	900039

Code #	Capacity (g)	Redout (g)	Packing dimensions (mm)	Packing weight (kg)
260350	120	0,001	325x390x285	7,9

Accessories	
Code #	Accessories description
910033	50 pans to analysis
910034	IMP27 printer
910035	IMP28 printer