

HotPlates & Racks

For digestion and evaporation of your samples, or any other HotPlate function.
Ideal for trace and ultra trace analysis.

Non contractual pictures



HotPlate 250°C



Racks

International Ambassador of our products, whether they are rectangular, square or round.

Made of special graphite, the temperature homogeneity of the hotplates between each sample is close to perfection. Wherever you place your jar, the temperature is homogenous over 99% of the hot plate (measurements have been taken (5mm away from the edge).

The temperature is stable and accurately regulated (+/- 2°C). The maximum temperature is set at 250°C which is quite enough for most of the acids commonly used. For specific requirements, please consult us.

All Analab® hotplates are made of PFA coated graphite, materials inert to acids. They do not emit any particles which could contaminate samples and the laboratory. They have all successfully passed acceptance testing cleanroom class 1.

Longevity and flexibility

Our devices are offered in standard sizes and can also be **tailor-made to customer specifications**, depending on the available workspace and size of your vessels.

The heating elements are placed in a cavity almost waterproof, are not attackable by reagents.

Ideal for traces and ultra-traces analysis.

The safety design of the temperature controller (4 electronic and physical safety fuse) allow for an intensive use.

Model:

Dimension:	PL-A4 (without rim):	300 x 200 x H120 mm (total height with feet)
	PL-A4-R (with rim):	320 x 220 x H130 mm (total height with feet)
	PL-A3 (without rim):	400 x 300 x H120 mm (total height with feet)
	PL-A3-R (with rim):	420 x 320 x H130 mm (total height with feet)
	PL-A2 (without rim):	600 x 400 x H120 mm (total height with feet)
	PL-A2-R (with rim):	620 x 420 x H130 mm (total height with feet)

Dimension custom made - With or without rim

Analab inert hotplates are equipped with PTFE bench thermal protection. Simple to install, adaptable to every size of hotplates, thermal bench protection is easily removable allowing to clean it properly if needed. This thermal protection protects fume hood's environment from radiation heat and offer a better heating homogenization of the hotplate.



Side thermal protection (Option)

The Side Thermal Protection protects the user against accidental burns due to contact with the device and improves homogeneity.



Net weight:	A4 Model: 4.5 kg
	A3 Model: 9 kg
	A2 Model: 18 kg

Racks

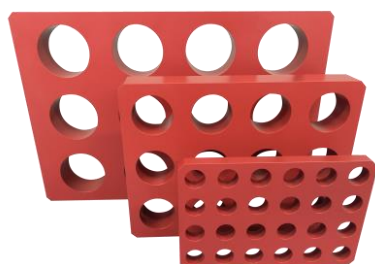
The use of racks on a hotplate is very interesting. It allows a uniform temperature from bottom to top of the container or beaker which avoids the effects of the temperature gradient: bubbling and blistering down that hatch surface with micro risk loss of the sample.

They are tailor-made to your vessels' sizes.

Dimensions: **A4:** 300 x 200 mm x height depending on your vessel's size

A3: 300 x 400 mm x height depending on your vessel's size

Custom made – Diameter and number of holes adapted to your vessel.



Material: PFA coated graphite - **Caution: cannot be use over 250°C**

Nota: For a matter of weight and user's comfort, we suggest you to use one or several A4 racks

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