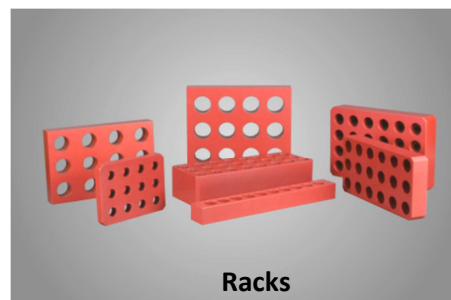


# HotPlates & Racks

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



HotPlate 250°C



Racks



HotPlate 350°C

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 :**

- Standards : A4-A3-A2
- The smallest 13x13x12cm
- The largest 70x30x12cm
- The tailor-made is more expensive than a standard. Do not hesitate to contact us with the size you want.

### **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.

## **Technical data & models**

### **250°C HotPlate**

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	

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

Voltage:	230V (50Hz) or 110-115V (60Hz)
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Temperature for 230V hotplates :

250°C maximum – Uniformity +/- 2°C over the whole surface  
Temperature rise: 6°C / minute  
Temperature drop: 1°C / minute

Temperature for 110/115V hotplates :

A4 : 250°C maximum  
A3 : 210°C maximum  
A2 : **not available in 110V**

Power in Watts      A4 = 1500 = about 6.5Amp in 230V & 13Amp in 110-115V  
                          A3 = 2200 = about 9.6Amp in 230V & 2000W- 19Amp in 110-115V  
                          A2 = 3000 = about 13Amp in 230V **not available in 110V**  
                          Other models, contact us

Material:             PFA coated graphite

Warranty:            1 year for electronic and electric elements  
                          2 years for the graphite (under normal use, without putting on any sharp vessel)

### **350°C HotPlate**

Dimensions:         **A4** : 410 x 310 x H160 mm (total height)  
                          **A3** : 530 x 430 x H170 mm (total height)  
                          **A2** : 720 x 520 x H170 mm (total height)  
                          **(The graphite plate always has rim)**

Graphite dimension :   A4 : 320 x 220 x 50 mm  
                          A3 : 420 x 320 x 50 mm  
                          A2 : 620 x 420 x 50 mm

Voltage:             230V (50Hz)

Power in Watts        A4 = 3000 = about 13Amp in 230V  
                          A3 = 3400 = about 15Amp in 230V  
                          A2 = 4400 = about 19Amp in 230V

Material:             The graphite plate does not have a PFA coating  
                          Stainless steel with PFA coating for the 350°C HotPlate

Warranty:            1 year for electronic and electric elements  
                          2 years for the graphite (under normal use, without putting on any sharp vessel)

# Options & Accessories

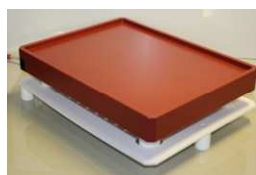
## Racks

- Dimensions:            **A4:** 300 x 200 mm x height depending on your vessel's size  
Average weight:  
                              **A3:** 300 x 400 mm x height depending on your vessel's size  
Average weight:  
                              **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

## Thermal protections



**Side Thermal Protection:** protect the user against accidental contact burns with the device, and also the Sorbonne's environment from the radiation heat.



**PTFE Thermal Protection:** protect the bench from the bottom of the HotPlate.

The PFA containers are also available on our website: [Savillex website link](#).

# Temperature controllers

Developed to control reliably and safely the ANALAB® devices

<b>Non-Programmable</b>		
	<b>110V</b>	<b>230V</b>
	REG-RNP-1V-F (P116)	REG-RNP-2V-F (P116)
<i>With extra display for In Situ sensor (included)</i>	REG-RNP-AFF-1V-C (P116)	REG-RNP-AFF-2V-C (P116)

<b>Programmable</b>		
	<b>110V</b>	<b>230V</b>
	REG-RP-1V-E/P1 (PXG4)	REG-RP-2V-E/P1 (PXG4)
<i>With extra display for In Situ sensor (included)</i>	REG-RP-AFF-1V-D (PXG4)	REG-RP-AFF-2V-D (PXG4)

Dimensions: 205 x 160 x 80 mm

Weight: 1.16 kg

In Situ sensor length: 270 mm

Warranty: 1 year for electronic and electric elements



**REG-RP (PXG4)**



**REG-RNP (P116)**



**REG-RP-AFF (PXG4)**

Non contractual pictures

**These choices ensure high sample preparation performance and high savings on your operating budget.**

