



Safety instructions

	<ul style="list-style-type: none">• Read the instructions carefully before use• Make sure that only qualified personnel use this tool• Do not heat easily flammable or highly volatile substances
	<ul style="list-style-type: none">• Before use, make sure that the instrument is connected to an earthed socket

- During work, staff must prevent risks of:
 - Spilling liquids.
 - Mechanical vibrations that can cause breakage of glass containers.
- Place the instrument in a suitable area, on a stable, clean, non-slip, dry and fireproof surface. Do not use the instrument in explosive atmospheres, containing dangerous substances or under running water.
- Gradually increase the stirring speed and immediately reduce it in case of:
 - The sample comes out of the tube because the set speed is too high.
 - The instrument does not behave correctly or moves on the support surface.
- The instrument is guaranteed only if used with the specific original accessories.
- Accessories must be securely attached to the instrument.
- Check the condition of the instrument and accessories before each use. Do not use them if damaged.
- Connect the instrument to an outlet with the indicated voltage and frequency characteristics and safety earth.
- Protect the instrument from accidental drops or knocks.
- Do not try to open the instrument. It can only be opened by qualified personnel.

Controls and lights



Operating mode "continuous"

OFF



ON



- Make sure that the stirring speed adjustment knob is positioned at minimum. Place the instrument on a stable surface and connect it to the power supply.
- Switch the main switch to the ON position on the left. The power LED lights up and the instrument starts operating in "continuous" mode.
- Turn the adjustment knob until the desired speed is set.
- To switch the instrument off, switch the main switch to the middle (OFF position). The LED turns off and the instrument is turned off.

Operating mode "Touch"

OFF



ON



- Make sure that the stirring speed adjustment knob is positioned at minimum. Place the instrument on a stable surface and connect it to the power supply.
- Switch the main switch to the TOUCH position on the right.
- Turn the adjustment knob until the desired speed is set.
- If a test tube is pushed vertically on the rotation head, the instrument starts to work and the power LED lights up.
- To switch the instrument off, switch the main switch to the middle (OFF position). The LED turns off and the instrument is turned off.

Cleaning and maintenance

- Proper maintenance of the instrument guarantees its good condition and extends its life;
- Disconnect the power supply cable during cleaning;
- During cleaning, be careful not to spray the detergent inside the instrument;
- Use only non-aggressive detergents that do not contain corrosive substances;
- Before proceeding with cleaning or with any decontamination, the user must ensure that the method adopted does not damage the instrument;
- Wear appropriate protections when cleaning with chemicals;
- If the instrument is to be sent to technical assistance, it is necessary to provide for proper cleaning and possible decontamination by pathogens of the same. It is also advisable to put the instrument back in its initial packaging to send it to the repair service.

Reference standards

The instrument was built in compliance with the following safety regulations:

EN 61010-1

UL 3101-1

CAN/CSA C22.2(1010-1) EN 61010-2-10

The instrument has been manufactured in compliance with the following EMC standards:

EN 61326-1

European guidelines:

EMC-guidelines: 89/336/EWG

Machine guidelines: 73/023/EWG

Technical features

Alimentation	220V – 50/60 Hz
Absorbed power	60 W
Motor	Eccentric
Stirring speed	0 – 2500 rpm
Speed indication	Analogic
Operating modes	“continuous” and “touch”
Dimensions (L x P x A)	127 x 130 x 160 mm
Weight	3,5 kg
Use temperature	5 – 40 °C
Max. Use humidity	80%
IP protection	IP21

Disposal of electronic devices



Electrical and electronic equipment marked with this symbol cannot be disposed of in public landfills. In accordance with EU directive 2002/96 / EC, European users of electrical and electronic equipment have the option of returning the used equipment to the Distributor or Manufacturer when purchasing a new one. Abusive disposal of electrical and electronic equipment is punished with a pecuniary administrative sanction.