



INNOVA BIO

LIFE TECHNOLOGY An ISO 9001:2015 Certified Company

Refrigerated Centrifuge (InnoPro-22R)

The bioprocessing requires a versatile centrifuge which covers different types of assays and therefore different configuration for the same centrifuge. The centrifuge InnoPro-22R is provided with high-speed rotors for microtubes from 1,5 to 5 ml, as well as 50 ml conical tubes. Its accessories for microplates offer the chance to spin in swing out rotors.

The refrigeration system has been designed for temperature stability that allows keeping it even at high speed and along the run. The different options for customization through the software, make the centrifuge become a tailor-made tool for your lab. Increase your lab output with the new InnoPro-22R.



Features

LCD screen:

- Shows RPM and RCF, time, temperature and acceleration/deceleration (PCBS).
- Speed programming in 10 RPM/ 10 xg steps.
- Count up/down from "0" or at "set RPM/RCF" for reproducible tests.
- Timer from 5 sec. to 99 min. programmable in 5 sec. steps and hold position.
- PCBS: Progressive controlled braking system up to 175 selectable
- ramps that prevents sample homogenization after separation.
- 16 programmable memories.
- Several acoustic and visual messages showing the equipment status to the user.

- ❖ Max. Capacity: 6 x 50 ml
- ❖ Max. Speed: 31.865 xg / 18.100 RPM
- ❖ Screen Type: LCD
- ❖ Version: Refrigerated

Safety

- Lid provided with security systems:
 - Automatic lid lock system, motorized, with double lock.
 - Emergency lid-lock release.
 - Locking and protection against opening along the run.
 - Lid dropping protection.
 - Port in the lid for calibration and operation checking.
- Ergonomic design that allows close the lid effortless
- Unbalance detection and switch off.
- Protection safety ring between the centrifugation chamber and the housing.
- Chamber of centrifugation in stainless steel (easy cleaning).
- Rotors can be removed with the lid closed. Hermetic lids.
- Rotors and adapters autoclavable, easy to install by the user.
- Automatic disconnection for energy saving up to 8 h.

Easy to use

- Microprocessor controlled.
- Induction motor maintenance free (brushless).
- Rotors list in memory.
- Noise level: below 60 dB.
- Start, stop, open lid and short spin with adjustable speed buttons.
- Possibility to block or modify the speed during the cycle.
- Low height for easy access.
- Last values remain in memory.
- Automatic rotor recognition. Over-speed protection

Refrigeration

- Maintains the refrigeration after the centrifugation process.
- Precooling program with rotor spinning and selectable temperature.
- Guarantees 4 °C at maximum RPM.
- Temperature range from -20°C (-4°F) to 40°C (104°F) in 1°C steps.
- Temperature sensor inside the chamber.
- Gas R 449A HFO (CFC free).

Available Rotors



Inno-RT 274
Rotor: Angle fixed
Max. Cap.: 6 x 50 ml
Max. R.P.M.: 8,300
Max. R.C.F (xg): 7,778



Inno-RT 275
Rotor: Angle fixed
Max. Cap.: 30 x 1,5-2 ml
Max. R.P.M.: 15,000
Max. R.C.F (xg): 24,148

Available Rotors

Dimension wxdxh (mm)	410X690X320
Net Weight (Kg)	59
Voltage (V)	220-230
Frequency (Hz)	50
Consumption (W)	540

