

# PATHOLOGY LAB CENTRIFUGE

Brand - **BIOGENIX®**

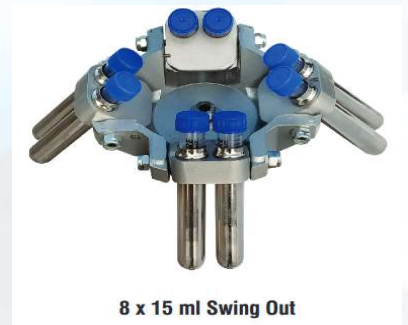


## Product Description

**BIOGENIX®** centrifuges are a broad class of centrifuges characterized by their small bench space footprint. Depending on the need, a variety of different aspects can be considered. Maximum speed in RCFs can range from as low as a few hundred.

## FEATURES:-

- Stepless speed regulator
- Safety Lid interlock to prevent cover opening during centrifugation
- Wide choice of Swing out / Angle rotors and reduction adaptors
- LCD Display
- Speed and time adjustable
- Imbalance detector, and dynamic brake
- Safety lid lock.



## Application

Centrifuges are used for many separation processes in the laboratory. The centrifuge works on the sedimentation principle: substances are separated according to their density under the influence of g-force. Depending on the sample type, there are several centrifugation methods available. Examples include isopycnic, ultrafiltration, density gradient, phase separation, and pelleting.

Related links

You can find some typical application protocols in our "basics in centrifugation" section. In each case, centrifugation, centrifuge accessories, centrifuge function, and rotor specifications are stated.



## Specifications:

- ✓ Compact P.R.P Test Centrifuge Machine, Microprocessor based, digital.
- ✓ Body made of rust proof ABS Plastic injection moulding with metallic protection bowl.
- ✓ Lid lock for safe drive.
- ✓ 2 lines of 16 character LCD display of r.p.m., for set and run time.
- ✓ Two Programs are feeded in software of machine as per recommended by for P.R.P. Tests.

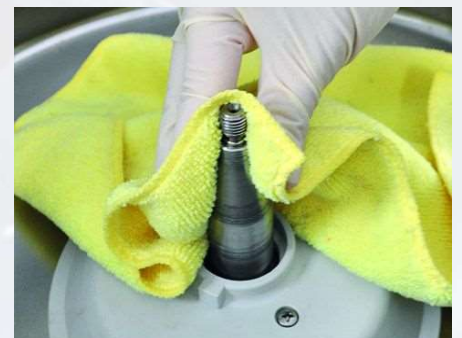
- ✓ (i) First Program 4 minutes, 3400 r.p.m.
- (ii) Second Program 2 minutes, 3500 r.p.m. OR  
we can programme speed from 500 to 5000 r.p.m. in variation of 100rpm as per Doctors requirement .
- ✓ Last test parameter recall and displays automatically on LCD.
- ✓ Sample Holding Capacity: 8 sample tubes upto 15 ml.
- ✓ **P.R.P. Kit:** Kit of any brand having capacity upto 15ml tube can be used with our machine.

## Technical Specification

▶ Motor	Universal Motor (with carbon brushes) 1/8 H.P.
▶ Power	AC 220V 50Hz $\pm 10\%$
▶ Dimension of Machine	L = 395mm, W = 360mm, H = 280mm
▶ Net Weight	12.5 kg. Approx. Gross Weight with box = 14 Kg.
▶ Current	220 volts, 50Hz A.C.

## Cleaning & disinfection

- ❑ Switch off the device and disconnect it from the power supply before starting any cleaning or disinfection.
- ❑ The outside of the centrifuge and the rotor chamber should be cleaned regularly with neutral detergents. This is for hygienic purposes as well as to prevent contamination caused by residual contamination.
- ❑ Only neutral agents may be used for cleaning and disinfection (e.g. diluted neutral alcohol-based disinfectant or 70% isopropanol mixture).
- ❑ Residue from detergents should be removed. Also, remove condensation and clean the condensation tray. Leave the centrifuge lid open.
- ❑ The rotor chamber and the rotor shaft should simply be wiped with a moist cloth. Please clean your rotor using a neutral cleaning liquid. This will protect the rotor and prolong its service life.



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