

## distillation & filtration & separation & sample preparation

### CENTRIFUGE - "clinical"



- Ideal centrifuge for fast separation of serum, plasma, urea, blood samples and other routine applications in medical, research and chemical laboratories.
- Explosion proof and marked as CE, cTUVus, and FCC. MCA test according to IEC/EN61010-2-10.
- Brushless DC motor accelerates the rotor to the set speed with low vibration and also with a quiet operation less than 56 dB noise level.
- User friendly large LCD display enables easy setting and reading of the functional parameters.
- Both RPM and RCF can be set and displayed. The parameters can be modified after the set speed is reached.
- Starts and reaches a maximum speed of 4.500 rpm with max 2.490 RCF in seconds. Speed can be set with an accuracy of +/- 20 rpm.
- Metal casing with low gravity, provides stable and reliable running at maximum speed.
- Timer can be set from 30 seconds to 99 minutes or continuous running. Timer starts once the target speed is reached for more accurate operation time.
- Short spin function is used for quick spins by pressing and holding the "pulse" key.
- Multi voltage design guarantees stable running and high accuracy of speed.
- Featured with a dual door interlock system for twice safety.
- Electronic brake immediately stops when lid opens for user safety. Lid is released automatically when the rotor stops.
- The unique design guarantees stable running and high accuracy of the speed. High strength rotor and excellent balance technology guarantees a quiet and stable operation.
- Delivered complete with a 8 cavity angled rotor and suitable adaptors to be used with 15 ml conical tubes and all kinds of blood collection tubes.

|                                   |  |
|-----------------------------------|--|
| catalogue no                      | 603.05.001   |
| dimensions / weight (mm / kg)     | 255 x 245 x 140 / 6,0  |
| voltage (V)                       | 220  |
| frequency (Hz)                    | 50   |
| maximum speed (rpm)               | 4500   |
| speed control (rpm)               | increment of 100   |
| maximum RCF (xg)                  | 2490   |
| RCF control (xg)                  | increment of 100   |
| speed accuracy (rpm)              | ± 20   |
| noise level (dB)                  | < 56   |
| run time                          | 30 sec. - 99 min. or continuous  |
| acceleration / braking time (sec) | 20 s ↑ 20 s ↓  |
| safety devices                    | door interlock<br>over - speed detection<br>automatic internal diagnosis |
| additional features               | sound alert function<br>speed / RCF switch<br>short time run function    |



Featured with a dual door interlock system for twice safety.

Electronic brake immediately stops when lid opens for user safety.

Lid is released automatically when the rotor stops.



High strength plastic rotor and excellent balance technology to guarantee a quiet and stable operation.

Delivered complete with a 8 cavity angled rotor and suitable adaptors to be used with 15 ml conical tubes and all kinds of blood collection tubes.



User friendly large LCD display offers easy identification of parameters and shows all informations including accumulated running time and last running parameters.

Both RPM or G-force can be set and displayed. Parameters can be modified after the set speed is achieved.