



# Digital microprocessor controlled Centrifuges, Series BL and BLT



- INDUCTION DRIVE, MAINTENANCE FREE (NO CARBON BRUSHES).
- SPEED CONTROL BY VARIATOR FREQUENCY SYSTEM.
- RELIABLE FUNCTIONS AND REPEATABILITY.
- LOGICAL EASY TO USE CONTROL PANEL.
- SUSPENDED, DAMPENED VIBRATION FREE MOTOR DRIVE, GUARANTEES SMOOTH OPERATION.
- QUIET OPERATION, INTERNAL INSULATION WHICH ABSORBS NOISE AND VIBRATIONS.
- SUCTION SUPPORT FEET THAT PREVENTS BENCH CREEP.

**SAFETY:**  
 AUTOMATICALLY STOPS IF OUT OF BALANCE.  
 LID CANNOT BE OPENED IF THE MOTOR IS RUNNING.  
 SYSTEM CANNOT BE STARTED IF THE LID IS OPEN.  
 SPEED LIMITED BY EACH ROTOR.

**TWO DIFFERENT CONTROL SYSTEMS:**

**A** Digital display and **B** TFT touch screen

CENTROLIT II-BL - CENTRO 4-BL - CENTRO 8-BL

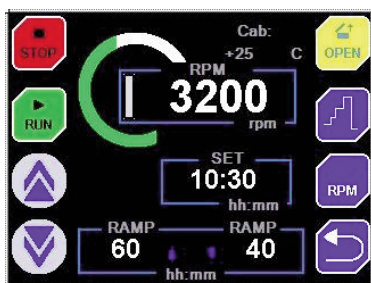


**Specific functions of models with digital screen:**

- Electronic control of speed.
- Electronic control of time.



CENTROMIX BLT - MIXTASEL BLT - CENTRONIC BLT - CENTROFRIGER BLT - MEDITRONIC BLT - MEDIFRIGER BLT - MACROTRONIC BLT - MACROFRIGER BLT - MACROFRIGER BLT-BLOOD



**Specific functions of models with touch screen:**

- Acoustic and visual alarm
- 10 working programs with 4 parameters for each program: acceleration, braking, rpm, time.
- Network failure detection and storage.
- Safety thermostat (refrigerated models only).
- Temperature correction (refrigerated models only).

- Languages: Spanish, English and French.
- Overtemperature and Low temperature alarm.
- Rotors list available on screen.
- Door open alarm.
- Rotor and motor running hours log.





# CENTRIFUGES ELECTRONIC DIGITAL CONTROL “Centrolit II-BL”, “Centro-4-BL”, “Centro-8-BL”, With induction drive maintenance free motor.

### SAFETY:

UNE-EN 61010.2.020. ELECTROMAGNETIC LID LOCK, PREVENTS THE OPENING OF THE CENTRIFUGE IF THE ROTOR IS IN MOTION. PREVENTS THE STARTING OF THE MOTOR IF THE LID IS OPEN. ROTOR AND BUCKETS ARE IDENTIFIED BY LASER SIGNAL. AUTOCLAVABLE.

### COMMON FEATURES

Electronic control with digital display of speed and time, with acceleration and brake ramp.

Timer controllable from 1' to 60' or continuous operation.

Rubber suspended motor that guarantees a smooth operation.

Digital speed display.

Pulse button, that drives the motor while pressed.

Automatic stop if out of balance, with indicator light.

Suction base supports that adhere to the work bench surface.

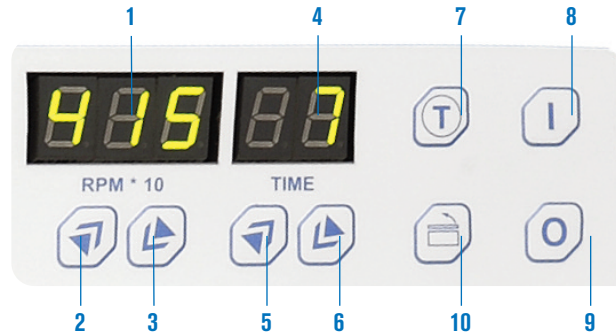
Quiet operation, insulated interior that absorbs noise and vibrations.

In the case of mains failure, manual open override aperture.

Noise level 50-60dBA.

**Rotors and buckets with laser identification.**

**Autoclavable.**



### CONTROL PANEL

1. Speed display.
2. Push button increase speed.
3. Push button reduce speed.
4. Run Time display.
5. Push button increase run time.
6. Push Button decrease run time.
7. Push button pulse start ( RUN/STOP).
8. Push button start.
9. Push button stop.
10. Push button open lid.



## Centrifuge “Centrolit II-BL”

SUITABLE FOR HAEMATOCRIT AND SMALL VIALS OF 0.25/0.5 ml AND TUBES OF 1.5/2.2 ml.  
FREE MAINTENANCE INDUCTION DRIVE MOTOR.



ABS plastic moulded external case.



### MODEL

Part No.	Max. Volume ml	Max. Number of tubes	Height / Width / Depth (exterior) cm	Power W	Weight Kg
<b>7002357</b>	66.6	18 x 1.5 / 2.2 ml	20 28 34	200	6.5

**SPARES. Tubes** (see page 132).

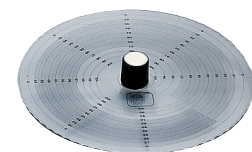
### ACCESSORIES

Interchangeable rotors made of hardened anodised aluminium. Autoclavable.

Part No. head	Rotor type	Volume rotor	Tube capacity maximum	Max. R.p.m.	Max. R.c.f. (xg)
<b>7001704</b>	Angle+lid	Micro-haematocrit	24 x 1.4 mm Ø	12000	13143
<b>7001703</b>	Angle+lid	40.5 ml	18 x 0.25/0.5 ml + 18 x 1.5/2.2 ml	12000	14103
<b>7001702</b>	Angle PCR	6,4 ml	32 x 0.2 mm Ø	12000	9395

Angle rotors supplied without tubes.

Micro-haematocrit rotor supplied with one box of 100 tubes.



**Micro-haematocrit reader.**  
Suitable for micro-haematocrit rotor 7001704.  
Part No. **7000929**



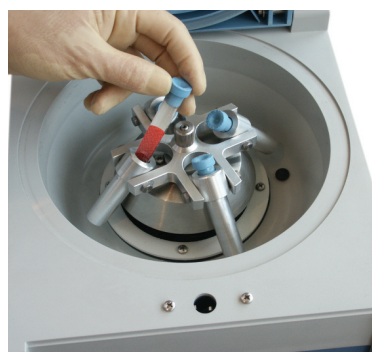
## Centrifuge "Centro-4-BL"

WITH SWINGOUT HEAD FOR 4 TUBES OF 75 X 13 mm VAC.  
FREE MAINTENANCE INDUCTION DRIVE MOTOR.



Control panel features (see page 113).

Centrifuge kit for separating plasma rich platelets from whole blood.



### MODEL

Part No.	Height / Width / Depth (exterior) cm	Power W	Max. R.p.m.	Max. R.c.f. (xg)	Weight Kg
<b>7002560</b>	20 28 34	170	5000	2600	6

Rotor comes without tubes.

ABS plastic moulded external case.



## Centrifuge "Centro-8-BL"

WITH ANGLE ROTOR FOR 7-15 ml TUBES AND 75 X 13 mm VAC (WITH ADAPTERS).  
FREE MAINTENANCE INDUCTION DRIVE MOTOR.



Control panel features (see page 113).



ABS plastic moulded external case

### MODEL

Part No.	Max. Volume ml.	Tube capacity	Height / Width / Depth (exterior) cm	Power W	Max. R.p.m.	Max. R.c.f. (xg)	Weight Kg
<b>7002356</b>	120	8 x 15 ml	20 28 34	170	4500	2015	6.5

Supplied complete with 8 x 15 ml glass tubes.

### ACCESSORIES

Bucket adapter for 7 ml tubes.

Rotor capacity: 8 adapters.

Part No. **7000700**

Bucket adapter for 75 x 13 mm VAC. tubes.

Rotor capacity: 8 adapters.

Part No. **1001557**

**SPARES.** Tubes (see page 132).