



# LABORATORY LOW SPEED CENTRIFUGE BET-4002

# LABORATORY LOW SPEED CENTRIFUGE BET-4002

## DENTAL CENTRIFUGE



- Equipped with a special vibration absorber, the machine works well in absorbing vibrations and keeping self-balance.
- With a PWM-controlled speed regulation mode with high precision, rapid lifting function, and brushless DC variable frequency motor, the machine can run at a low noise, meeting laboratory requirements without replacement of carbon brush or generation of powdered carbon pollution.
- Parameter storage function, automatic calculation of RCF.
- Four preset centrifugal programs which can be called by pressing one single button.
- The machine is equipped with advanced technology such as microcomputer control, direct drive by brushless DC inverter motor, TFT true color touch screen, and silent mechatronics motor door lock.

## SPECIFICATIONS

Model	BET-4002
Max speed	4,000r/min
Temperature control range	-20°C~+40°C
Variable speed program (1)	CGF-S1
RPM (1)	2,600r/min
Centrifugal duration (1)	2min
Variable speed program (2)	CGF-S1
RPM (2)	2,850r/min
Centrifugal duration (2)	3min
Constant speed program (1)	PGRF-S4
RPM (3)	3,100r/min
Centrifugal duration (3)	3min
Constant speed program (2)	
RPM (4)	
Centrifugal duration (4)	
Speed accuracy	±30r/min (customizable, multiples of 10)
Noise	≤60dB
Power supply	AC220V/50Hz
Capacity	12x10mL
Weight (rotor included)	75kg
Dimensions (LxWxH)	710mmx630mmx370mm
Alt Name	Dental Centrifuge

## FEATURES

- Equipped with a special vibration absorber, the machine works well in absorbing vibrations and keeping self-balance.
- With a PWM-controlled speed regulation mode with high precision, rapid lifting function, and brushless DC variable frequency motor, the machine can run at a low noise, meeting laboratory requirements without replacement of carbon brush or generation of powdered carbon pollution.
- Parameter storage function, automatic calculation of RCF.
- Four preset centrifugal programs which can be called by pressing one single button.

- The machine is equipped with advanced technology such as microcomputer control, direct drive by brushless DC inverter motor, TFT true color touch screen, and silent mechatronics motor door lock.
- The motor door lock is of safety protection function. The centrifuge will not work if the cover is not closed properly.
- The powder-coated steel housing makes the machine rigid, hard, and corrosion resistant.
- Simple shape, small volume, low noise, low temperature rise, high efficiency, safe and reliable;
- Suitable for testing and analyzing dental materials with few samples and many separation steps.
- This instrument can safely operate at an ambient temperature of 5-40°C and relative humidity no greater than 80% under conditions free of conductive dust, explosive and corrosive gases.

## APPLICATIONS

Widely used in the centrifugal preparation process of CGF, A-PRF, PGRF, i-PRF, etc., the dental centrifuge has become routine equipment for separation and preparation in the operating rooms of dental hospitals and dental clinics.

## MORE INFO

Tube	Dimensions(mm )	Capacity(ml )	Color	Additive	Useful life (year)	Status
Glass	16x100	7/8/9/10	Red	Not available	2	Gel
Plastic	16x100	7/8/9/10	White	Not available	1	Liquid
Plastic	16x100	7/8/9/10	Green	Heparin sodium	1	Liquid



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada  
 Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)