



LABORATORY LOW SPEED CENTRIFUGE BET-4001



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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-4001
Max speed	4,000r/min
Temperature control range	Not available
Variable speed program (1)	CGF-S1
RPM (1)	2,600r/min
Centrifugal duration (1)	2min
Variable speed program (2)	CGF-S1
RPM (2)	2,300r/min
Centrifugal duration (2)	4min
Constant speed program (1)	A-PRF-S2
RPM (3)	2,450r/min
Centrifugal duration (3)	4min
Constant speed program (2)	i-PRF-S3
RPM (4)	2,850r/min
Centrifugal duration (4)	4min
Speed accuracy	±30r/min (customizable, multiples of 10)
Noise	≤60dB
Power supply	AC220V/50Hz
Capacity	8x10mL
Weight (rotor included)	14.2kg
Dimensions (LxWxH)	260mmx380mmx310mm
Alt Name	Dental Centrifuge

FEATURES

- Equipped with a special vibration absorber, the machine works well in absorbing vibrations and keeping self-balance.
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- 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 | Website: www.biolabscientific.com