

HORIZON



6V-FA

Cat. No. CA00719

PROGRAMMABLE MULTI-PURPOSE FIXED-ANGLE CENTRIFUGE

- FIXED-ANGLE CENTRIFUGATION
- 6 TUBE CAPACITY
- DIGITAL TIME CONTROL
- DIGITAL SPEED CONTROL
- 3,900 MAX RPM
- 1,600 XG MAX RCF

OVERVIEW

The 6V Fixed-Angle Centrifuge provides the flexibility and performance that clinical laboratories require. Programmable g-force (from 250 xg to 1,600 xg) and time settings are controlled via an easy to use digital display. The universal power supply and global safety approvals allow the 6V-FA centrifuge to meet all your global needs.

APPLICATIONS

The 6V-FA offers the flexibility needed to prepare blood chemistry specimens, urine, platelet rich plasma (PRP), and platelet poor plasma (PPP). With its compact size, the 6V-FA is ideal for any application where flexible settings are needed and specimens are analyzed on site.

FIXED-ANGLE VS HORIZONTAL CENTRIFUGATION

Fixed-angle centrifuges, although less expensive, produce gel layers that may be susceptible to rupture during transport. These damaged samples cannot be used without an additional centrifugation step; yet the CLSI recommends against re-centrifugation for its known negative effects on analytical results. For better gel layer formation, please consider horizontal centrifugation with the model 6V.

FEATURES

Electronic Timer with Display: Scrollable between 1 and 99 minutes

Capacity: Six (6) tubes from micro tubes (.5 mL) up to 17 mm x 125 mm (15 mL) tubes

Brushless AC Motor: Smooth operation with no routine maintenance

Quiet Operation with Low Vibration: Double-encased motor assures quiet performance and low out-of-balance vibration

Cool Operation: Unique air-flow design cools the rotor chamber and motor with ambient air; protecting your samples and maximizing sample integrity

Footprint: Compact design uses less than 1 sq. ft. of counter space

SAFETY

Automatic Lid Lock: Centrifuge will not run with the lid open and the lid cannot be opened while samples are spinning

Positive Lid Latching: Firm mechanical latching of the lid prevents the escape of debris in case of tube breakage

Clear Shatter Proof Lid: Allows for safe sample observation, optical calibrations, and access for photo tachometer

Global Regulatory Approvals: Certified to US, Canadian, and European Safety standards

Reinforced Guard Bowl: Provides maximum safety and durability

6V-FA CENTRIFUGE SPECIFICATIONS

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Electrical

Voltage..... 115-230 Volts
 Frequency..... 50/60 Hz
 Max. Power Requirements 165 Watts
 Protection Breaker 4 Amp. Re-settable
 Centrifuge Motor 1/30 H.P. Brushless AC

Maximum Speed

6-Tube Fixed Angle Rotor 3,900 RPM

General

Overall Dimensions Height..... 8.75 in. (22 cm)
 Width 11.75 in. (30 cm)
 Depth..... 14 in. (35.5 cm)
 Weight 12 lbs. (5.4 kg)
 Timer Electronic, 1 to 99 minutes
 Max. Acceleration Time 18 seconds
 Max. Deceleration Time..... 20 seconds

Maximum Force

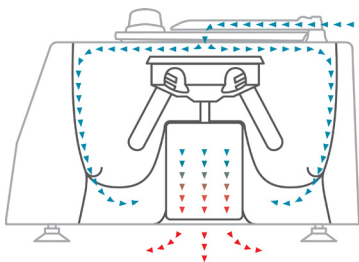
6-Tube Fixed Angle Rotor 1,600 xg

Also available with horizontal rotor

Parts Included	QTY Included	Part Number	COMMENTS
 6 Tube Fixed Angle Rotor	1	7786068	High Strength Glass Fiber
 75 - 100 mm Tube Holder	6	7713079	For use with 75 - 100 mm tubes (3 mL - 10 mL)
 125 mm Tube Holder	6	7713044	For use with 125 mm tubes

Cool Operations

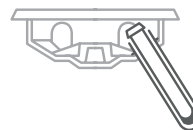
Unique design of the motor housing and rotation chamber allows for cool operation even under the heaviest workloads



Fixed-Angle Rotor Included

Used for spinning 75 mm, 100 mm, and 125 mm test tubes in specially designed tube holders

Loading Angle



Rotation Angle

