



Suspended Solids % Volume in just 15 minutes



Timely process control adjustments

The Raven Process Centrifuge is specifically designed for process control sampling applications to determine solids concentration in percent volume as low as two tenths of one percent (0.2%).

Electronic timer and digital display with a 15-minute speed key and one-minute increment and decrement keys. A bright green LED alerts the operator when the unit is powered on. The LCD display indicates when the rotor is spinning. An audible sounds when the cycle is complete.

Stainless steel structure with aluminum cover and lid.

Six place horizontal rotor, 1/8 hp motor, 3,000 fixed rpm.

Bronze trunnion rings accommodate both 19mm and 17mm diameter sample tubes.

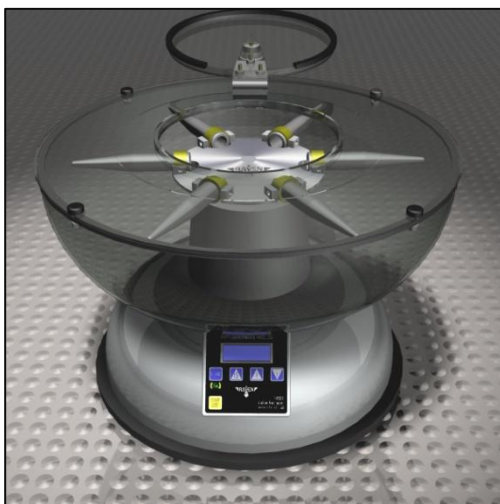
Rubber feet and a heavy base provide smooth and quiet operation.

Includes six 19mm polycarbonate conical bottom test tubes.

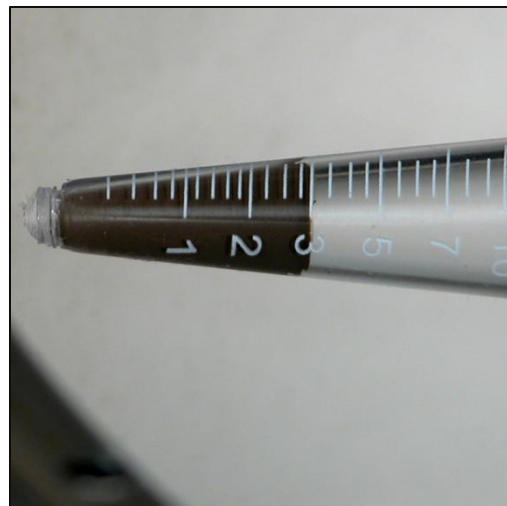
“Centrifuges can be used to determine the solids concentrations of sludge samples. The centrifuge test gives rapid results: six or more sludge samples can be run in 15 minutes in a lab centrifuge. The data obtained from this test has been proven to be more than adequate for process control.”

Activated Sludge Manual of Practice OM-9 first edition page 173.

West, A.W. “Updated Summary of the Operational Control Procedures for the Activated Sludge Process” US EPA, Cincinnati, OH



Tubes rotate at a full right angle to axis of rotation providing a horizontal line between the solids at the bottom and the fluid on top.



Includes six polycarbonate 19mm diameter conical bottom tubes. Clearly marked for solids concentration in percent volume as low as 0.20%.

SPECIFICATIONS

Horizontal Swing Out 6 Place Rotor

Fixed RPM 3000

Motor

Brushless

Permanent Split Capacitor (PSC)

Totally Enclosed Fan Cooled (TEFC)

110V (other voltages available)

1.8A 1/8 hp

Relative Centrifugal Force (RCF) 1792g

Ship Weight

25 lbs – Net weight 20 lbs.

Product Dimensions

16 inches diameter

13 inches tall

1 year warranty