USA E8 Combination Centrifuge

The E8 Combination Centrifuge is specifically designed to run 75mm microhematocrit tubes and 1ml-15ml microtubes and test tubes. This centrifuge features a quiet operation for a more peaceful laboratory environment. It also features a shorter height to fit under any cabinet, and auto-calibrating speed function for precision results.

To run microhematocrit tubes, simply insert your 75mm capillary tubes into the carrier, place carriers in opposing tubes sleeves for a balanced load, and spin at 3,500 rpm for 6 minutes for clear separation.

**ADVANTAGES**
Accurate speeds for specific g-forces
Proper separations without cell damage
Quiet, vibration-free operation
Auto-brake stops the rotor in less than 30 seconds
Spins 8, 75mm capillary tubes
Designed, Engineered, and Assembled
Proudly in America

**FEATURES**
Angled rotor, 8-tube capacity
Holds 1ml to 15ml size tubes and 75mm capillary tubes
12 volt DC maintenance-free motor
Clear view port in lid for using tachometer
Suction-cupped feet prevent slipping
110/220v auto-switching power adapter
(CE, UL, cUL approved)
Lid safety shut-off switch
Maximum RCF=1,534g

**WEIGHT AND DIMS**
Height: 9.5" (241mm)
Length: 11" (279mm)
Width: 11" (279mm)
Weight: 9.5 lbs (4.3kg)

**INCLUDES**
Eight-place rotor
Eight 5ml-15ml blue tube sleeves
Eight 3ml-4ml black tube sleeve inserts
Six green tube inserts to spin 1ml-2ml
Two 15ml metal tube shields
Two 4-place Crit Carrier inserts (75mm capillary tubes)
EZ Reader Card

**USA E8 Combination Centrifuge**

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<th>Description</th>
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<td>J0501UMDC</td>
<td>USA E8 Digital-Speed, Angled 8-Place Centrifuge with Crit Carriers</td>
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<td>J0501UMVC</td>
<td>USA E8 Variable-Speed, Angled 8-Place Centrifuge with Crit Carriers</td>
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**E8 VARIABLE SPEED**
3,500 rpm with variable speed control knobs (blood, urines, microhematocrits, etc.)
Auto-off 30-minute timer with bell

**E8 DIGITAL**
3,500 rpm digital speed and time (blood, urines, microhematocrits, etc.)
Touch pad, programmable:
  - Speed: 500-3,500rpm
  - Time: 1-99mins
Stores last four programmed speeds & times
Service Indicator Light

**P 800.525.5614**
**F 970.663.5042**
1450 Van Buren Ave
Loveland, Colorado 80538
www.jorvet.com
3 EASY STEPS TO ACHIEVE ACCURATE PCV RESULTS:

Insert capillaries in the Crit Carrier

Insert the carrier in the metal tube sleeves.

Spin at 3,500 rpm for 6 (+/-1) minutes.

EXPLANATION OF MICROHEMATOCRITS IN AN ANGLED CENTRIFUGE:

START SPINNING
Red cells move outward.
Plasma moves inward.

INITIAL SEPARATION
Red cells pass plasma easily.

CONTINUED SEPARATION
No trapped plasma. Accurate PCV results.

COMPLETE SEPARATION

In a traditional microhematocrit centrifuge with a flat rotor, the red cells and the plasma must pass through each other horizontally in the narrow tube. In this case, very high speed and g-force is needed to reduce trapped plasma. When using LW Scientific Crit Carriers in an angled rotor, the red cells initially move to the outer tube wall while the plasma initially moves to the inner tube wall. Then, they pass each other easily as the red cells travel down to the bottom of the tube and the plasma travels to the top. With more efficient separation and ZERO trapped plasma, the PCV value will be accurate.

*The E8 Combination Centrifuge is a FDA registered, Class II medical device.*

*Comparable results to the HemataStat II angled PCV centrifuge sold to the human market. The HemataStat II produces PCV results at 2,000 g-force in 1 minute.*