

PEMED - Production Engineering Medical Equipment Division

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Blood bank and collection

Blood re processor / auto transfusion, automatic - \$3,250 each



List: \$32,750. MedCon EX. Haemonetics cell saver 3 plus. This unit reprocesses blood from a blood donor, patient, or other source and separates it into blood cells and plasma. Unit also removes clotting agent from plasma. In this manner blood may be prepared for long-term storage, or maybe re-infused back into a patient during surgery reducing the need for blood from donors. Also called an auto-transfusion machine.

Uses disposable centrifuges for continuous separation.

Features:

- flip down side tray
- built-in IV pole
- locking castors
- transport handles
- cord wrap
- attached setup guide
- wired for 100-120 VAC, 50/60 Hz, so may be adapted for international use
- a fully automatic machine



This unit has the same features as found on the cell saver plus, but also has a function for "automatic protocols" on the front panel. It is a fully automatic machine.

Shipping weight is about 250 pounds. 2 units in stock

Blood re processor / auto transfusion, manual - \$1,750



List: \$17,750. MedCon EX. Haemonetics cell saver plus. This unit reprocesses blood from a blood donor, patient, or other source and separates it into blood cells and plasma. Unit also removes clotting agent from plasma. In this manner blood may be prepared for long-term storage, or maybe re-infused back into a patient during surgery reducing the need for blood from donors. Also called an auto-transfusion machine.

Uses disposable centrifuges for continuous separation.

Features:

- flip down side tray
- built-in IV pole
- locking castors
- transport handles
- cord wrap
- attached setup guide
- wired for 100-120 VAC, 50/60 Hz, so may be adapted for international use



Dimensions:

- width: 18.5 inches
- depth: 23 inches
- height: 44 inches

This is a manually operated machine.

Shipping weight is about 250 pounds.

Countertop platelet incubator - \$1,475



List: \$9,800. MedCon: VG. Helmer model PC1200 platelet incubator, 125 V, 50/60 Hz.

Features:

- steel chamber with rubber mounting feet and clear view roll up door
- compatible with PF(S)84, PAS40, PF(S)42, PAS20 and PFS15 agitators and rotators
- agitator with six storage shelves, 29.75 x 14 in.
- green indicator lamp for power on
- built-in outlet for equipment placed in chamber
- digital display of temperature on set module
- 7-day circular chart recorder for temperature
- lock-out key for temperature controller

- alarm and alarm silence functions



Overall dimensions of the unit:

- width: 40.25 in.
- depth: 27.25
- height: 30.25

Interior dimensions of cabinet:

- width: 37.5 in.
- depth: 18
- height: 15.5

Shipping weight is about 320 pounds.

Blood re processor / auto transfusion, manual or automatic - \$2,750 each



List: \$32,750. MedCon EX. Haemonetics cell saver 4. This unit reprocesses blood from a blood donor, patient, or other source and separates it into blood cells and plasma. Unit also removes clotting agent from plasma. In this manner blood may be prepared for long-term storage, or maybe re-infused back into a patient during surgery reducing the need for blood from donors. Also called an auto-transfusion machine.

Uses disposable centrifuges for continuous separation.

Features:

- IV pole

- cord wrap
- transport handle
- locking castors
- digital display and controls
- wired for 100-120 V AC, 50/60 Hz, so may be adapted for international use anywhere in the world
- may be run in either manual or automatic mode

Dimensions:

- width: 17 inches
- depth: 29 inches
- height: 53 inches



Shipping weight is about 250 pounds. 2 units in stock.

Blood plasma collection machines - \$2,475 each












List: \$12,800. MedCon: EX. Haemonetics model PCS 2 plasma collection Hemopheresis machines. Collects and processes plasma and blood in mobile and small blood donation centers.

Features:

- enclosed centrifuge well
- wired for 110/220 VAC, 47-63 Hz, so will run on almost any available power

- platelet or plasma protocol
- platelet poor plasma with optional saline replacement protocol
- source leukocytes/plasma protocol
- built in donor line blood pressure monitor- NIBP
- self-loading /auto priming pump
- collects 600 mL in an average 37 minutes
- consumes an average of 500 W power

Full pictures and specifications may be found on Haemonetics web site, http://www.haemonetics.com/site/pdf/pcs2_insert.pdf

<p>the front of the machine</p>		
<p>various views</p>		
<p>close-ups of blood pump, filter and centrifuge chamber</p>		
<p>operator panel, located on inside of top lid</p>		
<p>close-up of control panel and display, showing power on self-test</p>		

back of the unit



Shipping weight of unit without cart is about 75 pounds each. Shipping weight of cart is about 60 pounds each. 2 units in stock.

Blood reprocessor - \$3,750



List: \$14,700. MedCon: EX. Haemonetics blood recovery and reprocessing system. Used to recycle blood from surgical procedures, for use back to patient.

Salvages blood shed before, during, or after surgery. Recovers patient's own blood so that it may be re-infused to him or her. This reduces or eliminates the need for banked blood.

Salvages shed blood suctioned from a surgical wound in the OR, and from drainage tubes during recovery. Uses disposable, single-use plastic tubing set and a spinning centrifuge bowl (chamber), where red cells are separated from other components and washed.

Features:

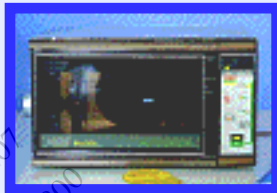
- built in automatic protocols for different surgical procedures (for example, as shown in photo, orthopedic)
- help button
- start automatic process, pause, final cycle and stop buttons
- built-in programming menu
- tubing wash select (no, half or full wash)
- increase, decrease or stop pump speed
- manual processing
- special functions
- unit is on wheels, collapses to approximately 24 x 24 x 30" high tube for storage when not in use





Shipping weight is about 200 lbs.

Blood bank plasma defroster - \$1,750



List: \$7,280. MedCon: EX. Blood banking and plasma bags defroster. unit is used to safely thaw frozen blood after removal from ultralow freezer and before infusion into patient.

Features:

- automatic operation
- rockers hold up to three bags at once
- built-in temperature sensors, detects frozen bags
- unit stops when bags are defrosted, so blood is never overheated

With owners manual, as shown.



Shipping weight is about 125 pounds

Cell washing system - \$1,475 each

List: \$8,700 each. MedCon: EX. Haemonetics model 115 cell washing system. New in 1991, appear to have little use. Ruggedized for temperature range of -40 degrees Centigrade to + 75 degrees Centigrade, and may be stored in those conditions, as long as fluids are drained.



This unit is a continuous gravity flow blood cell washing system. It is for washing previously frozen red blood cells. This process is sometimes called deglycerolization, usually by a sequential dilution protocol. After thawing, the red cells are first diluted with 12% sodium chloride then twice with 0.9% sodium chloride- 0.2 % glucose, using the mixing platform for adequate mixing.

Features:

- wired for 115/230 VAC, 50/60 Hz, so may be used anywhere in the world under most any conditions.
- occupies a minimum of floor space, 2 1/2 sq. ft.
- designed for heavy clinical service, not sensitive to climate extremes
- centrifuge on/off button
- centrifuge spins at about 5800 rpm
- built-in mixing tray, which supports unit of blood to be washed
- mixer control buttons, oscillates at about 180 cycles per minute
- minute timer 0 - 30 minutes
- built in IV pole
- uses disposable centrifuge and tubing, not included with system
- with both operator and service manuals.

The manufacturer's web site may be seen at: <http://www.haemonetics.com>

Several products come from plasma collection and processing, including albumin and plasma protein fractions (used as volume expanders for burn and shock victims), gamma globulins (used for prevention of as tetanus, rabies, measles and other diseases), blood grouping sera, test kit controls, and quality control reagents.

Shipping weight is about 100 pounds for the units, and 50 pounds for the stands. 4 units in stock

Blood reprocessing unit - \$3,250 each

List: \$27,300. MedCon EX. Haemonetics cell saver 3 plus. This unit reprocesses blood from a blood donor, patient, or other source and separates it into blood cells and plasma. Unit also removes clotting agent from plasma. In this manner blood may be prepared for long-term storage, or maybe re-infused back into a patient during surgery reducing the need for blood from donors. Also called an auto-transfusion machine.



Uses disposable centrifuges for continuous separation.

Shipping weight is about 150 pounds. 2 units in stock

Also have 1 cell saver 3 \$2,750. Also have a cell saver 4, \$3,750.

Blood recovery / reprocessing system - \$1,275



List: \$11,200. MedCon: VG. Haemonetics model 30S blood recovery system. Salvages blood shed before, during, or after surgery. Recovers patient's own blood so that it may be reinfused to him or her. This reduces or eliminates the need for banked blood. Salvages shed blood suctioned from a surgical wound in the OR, and from drainage tubes during recovery. Uses disposable, single-use plastic tubing set and a spinning centrifuge bowl (chamber), where red cells are separated from other components and washed.

The manufacturers's web site may be seen at: <http://www.haemonetics.com>



Shipping weight is about 225 pounds.

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