BLOOD COLLECTION MIXER

Model CM735

Features

- Automatically clamps blood bag tubing when collected blood volume reaches preset volume. Preset volume is user-selectable.
- Rocks to mix collected blood with anticoagulant in the blood bag.
- LCD panel displays collected blood volume, preset volume to collect, total weight of collected blood and blood bags, elapsed time of donation and alarm symbols.
- Audible and visual alarm signals at the end of collection, at abnormal blood flow and at low battery condition.
- Large tray. Up to quadruple blood bags can be used.
- Automatically tares weight of blood bags to measure net volume of collected blood.
- Clamping module is detachable, so can be mounted either left side or right side.
- Fully portable with a rechargeable and replaceable battery pack.
- Both built-in charger and a separate charger unit included.
- Canvas carrying bag included.
- Lightweight, battery operation, carrying bag - a convenient machine for mobile units.
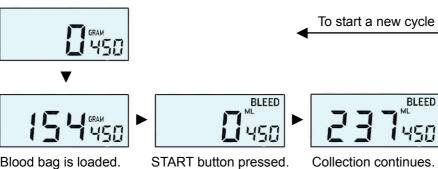
Control Panel

Display font

Operation Sequence

Target volume was preset.
Now ready to start a cycle.

END button pressed.
It shows total weight.

To start a new cycle

Blood bag is loaded.
It shows bag weight.

START button pressed.
It counts up from 0 ml.

Collection continues.
It shows blood volume.

It reached target volume.
Clamp closes.

(*) Auxiliary displays

Alarm status display

Elapsed time display

Replaceable battery pack

Clamp module can be mounted at the left or at the right.

Tray removed to be stowed in the canvas carrying bag.

Specification

(1) Collected volume   : 0 - 999 ml, with 1 ml step
(2) Total weight display   : 0 - 999 gram, with 1 gram step
(3) Elapsed time display   : 0 - 19 minute 59 second
(4) Target volume set
      - Range   : 0 - 995 ml, with 5 ml step
      - Set method   : UP, DOWN and PRESET buttons
      - Preset figures   : 350, 400, 450, 500 ml (may vary upon request)
      - Default figure   : 450 ml (may vary upon request)
(5) Alarm   : low battery, low flow (30 ml/min), tray off, long collection
(6) Tray rocking   : 36 cycle/min, +/-12.5 ^{o}
(7) Accuracy   : collected volume: -0 - +3 ml, total weight: -0 - +3 gram
(8) Control   : POWER, START, END, TIME, CLAMP, PRESET, UP, DOWN
(9) Indication panel   : LCD display
(10) Power source   : Battery pack or AC power adapter
(11) AC power adapter   : 100-120/220-240 VAC, 18 VDC/1 Amp out
(12) Battery pack   : Ni-Cd, 12 VDC/2AH
(13) Battery charging   : built-in charger and separate charger unit
(14) Power consumption : 2 W
(15) Dimension   : W 203 x H 140 x D 292 mm (W 8.0" x H 5.5" x D 11.5")
(16) Weight   : 3.2 Kg (7.0 lb)
(17) Temperature - operation :   0 - 40 ^{o}C (32 - 104 ^{o}F)
                storage   : -20 - 70 ^{o}C (-4 - 158 ^{o}F)

Accessories

Battery pack	Charger unit	Power adapter	Carrying bag

Optional Unit

Battery Charger BC142

- charges 4 battery packs with standard charging in 10 hours.
- It's a simple device to reduce the number of wall outlet.
- useful for mobile teams preparing many spare battery packs.

Battery Charger BC162

- charges 6 battery packs same time.
- 1 pack with fast charging in 1 hour, 5 packs with standard charging.
- has thorough-discharging feature that refreshes used battery packs.