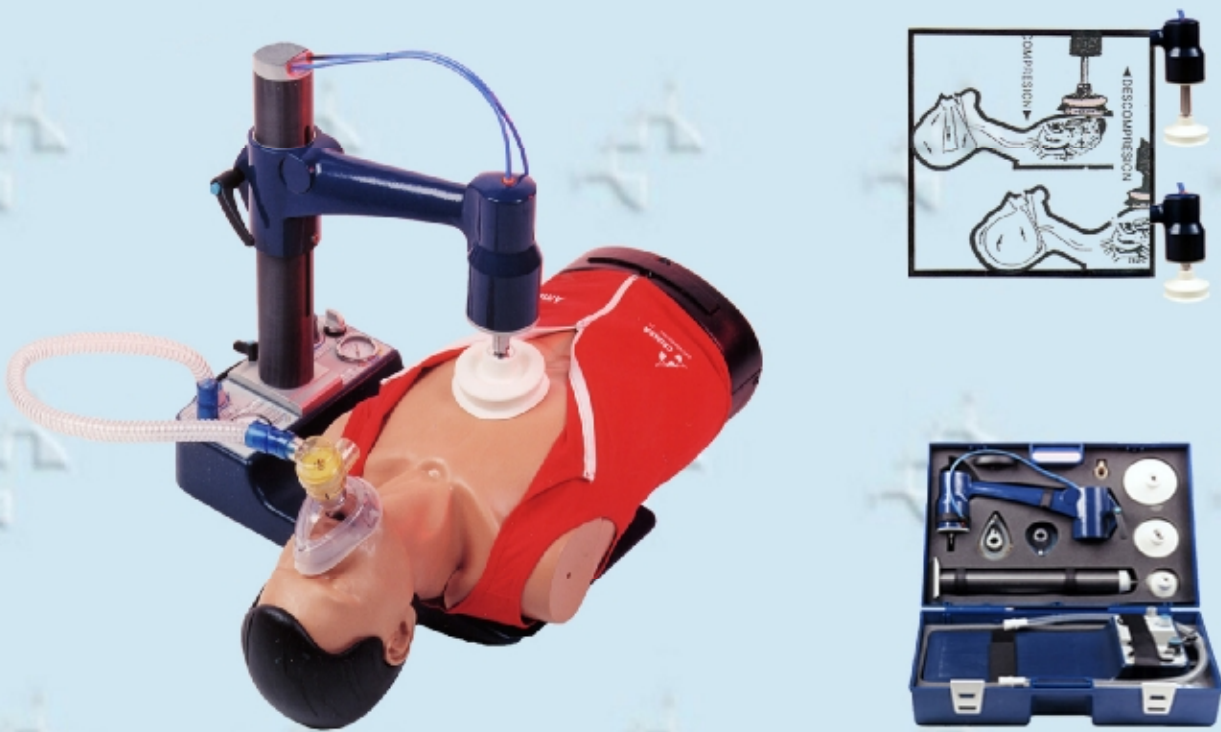


**CARDIOPULMONARY RESUSCITATOR  
FOR MESSAGE A CORPSE IN ORGAN DONATION  
HCM-100A  
WITH COMPRESSION DECOMPRESSION**



The HCM-100A is an automatic functioning device with a great number of applications that make it a practically indispensable unit for external cardiac massage as well as for artificial respiration. In both cases, thanks to its comfortable handling and individual adaptability, it performs so well in cases of cardiopulmonary revival. **This resuscitator even offers a high performance in Cardio-pulmonary reanimation and in the maintenance of a corpse in asistolic organ donation (Donation with stopped heart)**

**ACTIVE COMPRESSION-DECOMPRESSION METHOD**

The active compression-decompression method (ACD) offers a cardiopulmonary circulation considerably bigger in comparison with a normal cardiopulmonary resuscitation (RCP)

The ACD-RCP technique adds a positive "elevation" after each compression, expanding the patient's thorax. This "elevation" of decompression increase the venous blood return and so, the heart's filling results better as for filling time and blood flow. The HCM-100A double effect equipment, incorpores the decompression technique throughout a silicone cupping glass connected to the double effect piston. The exerted pressure is controlled by a massager strength regulator while the return strength does in relation to the approximation height of the thorax cupping glass.

**CHARACTERISTICS:**

**Massage stopped switch**

- Oxygen feed: Central or bottled, from 4 to 6 bar and flow higher that 30 l/min.
- Operational duration: With bottle of 3 Ltr. volume (600 Ltr O<sub>2</sub>) and in full output, duration ± 10\_min
- Compression: Adjustable without interruption from 0 to 80 Kg.
- Compression/respiration relation: 5:1 (which is to say that for each 5 compressions one breath follows).
- Flow: Adjustable from 0 to 30 Ltr

**- Double frequency**

**Position 1°**

80 cycles/minute, adjustable with ventilation + 5%.  
67 cycles/minute to massager without ventilation (approximately).  
Ventilation frequency: 13 breaths per minute (approximately).  
100 cycles/minute, adjustable with ventilation + 5%.  
Approximately 84 cycles/minute, without ventilation.  
Ventilation frequency: Approximately 16 breaths per minute.

**Position 2°**

- Weigh: 14 Kg. Weight with case included: 20 Kg.
- Dimensions: Total width: 30 cm/ Height (Decompression arm up): 56 cm.
- Colour: Blue or red. Platform covered with synthetic leather.
- Case and accessories included.(According to the Photo)

**SPECIAL ADVANTAGES**

- Simultaneous application for the treatment of cardiovascular and respiratory arrest.
- The same pressure is always applied to the sternum, even during long periods of time.
- Exact measurement of the sternum's movement. Pressure direction is always vertical.
- The compression and volume of artificial respiration can be adjusted without interruption.



Rv4 08/03/2011

PATENTED EQUIPMENT

