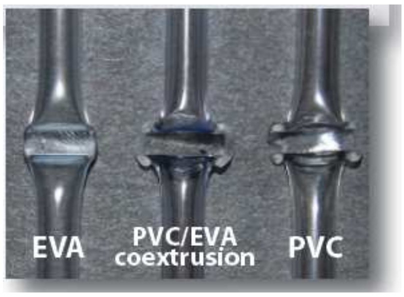
BS CR6AA

BS CR6-AA

CR6-AA is a battery operated sealing unit for PVC-tubes, especially suitable for tubing from blood bags and tubing from sets for plasmapheferesis. It can also seal PVC/EVA and some types of pure EVA tubes.



The high capacity makes it suitable to use CR6-AA either mobile or stationary in donation rooms and laboratories.

CR6-AA has automatic timer sensing, to optimize sealing time and battery endurance, independent of type of tubes and thickness.

CR6-AA is comprised of 3 units:

(a) *Sealing handle with coax cable 1,9 m.*
(b) *Power unit with batteries, high frequency generator and timer unit.*
(c) *Battery charger.*

Optional there is a carry bag for mobile use.

Technical data:

Batteries:	NiMh battery pack 24V / 3,8 Ah
Internal fuse:	Overload protection type PTC, self recovery and thermo fuse
Power output:	100 W / 50 Ohm.
Sealing time:	Automatic 1 - 2 sec. also manual setting 2 – 10 sec.
Frequency:	40,68 MHz
Dimensions mm:	266 x 119 x 88 (Lx W x H) incl. rf-outlet
Weight:	2,15 Kg incl. batteries.
Rel. humidity incl. storage and transport:	10 – 95% not condensing
Working temperature:	10 – 40 °C
Transportation and Storage temperature:	-40 - +50 °C (The working life of the batteries is shortened at high temperatures).

Protection against electrical chock: Class II, type B

This equipment complies with the demands in medical directive

MDD 93/42 EEC CE

BIOELETTRONICA MILANO
Via B. Buozzi, 70 – 20089 Rozzano – Milano (Italy)
Tel. +39 02 57512254 Fax +39 02 57512254
www.bioelettronica.it www.bioelettronica.com
info@bioelettronica.it info@bioelettronica.com

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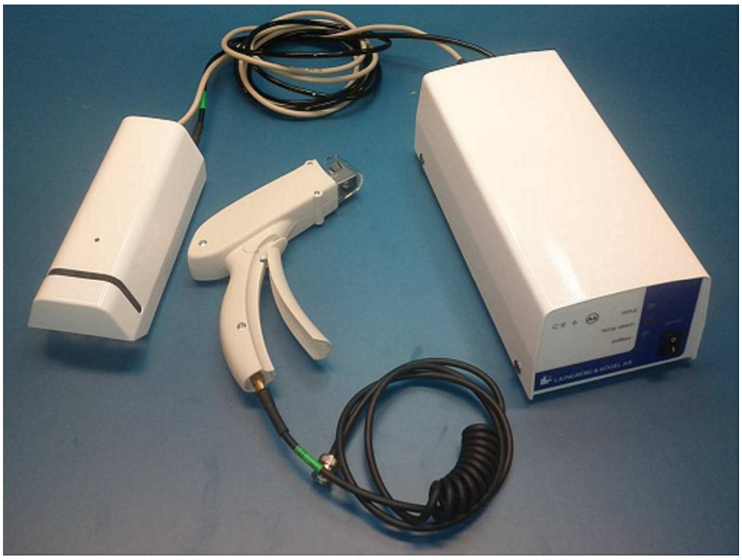

Bioseler CR6-AA appliances:
Manual Seling Handle (MSH)
or
Ergonomic Sealing Handle (ESH)
or
Bench Unit (BU)

BS CR6AA Operation Instructions:

1) Make sure that the instrument is turned off, then connect with the coaxial cable, the sealing handle to the RF-OUT connector on the Power Unit.
2) Turn on the power switch, the lamps for STATUS and BATTERY will turn green. If the BATTERY lamp is orange or red the battery must be recharged before operation.
3) Place the tube in the slot of the sealing handle. Press the handle. The sealing automatically starts, and two indications is given. The diode "STATUS" will blink on the power unit and the lamp on the handle, indicating high frequency power, is lit. Sealing is done in about 1 sec. The intensity of the lamp, on the handle, is reduced during the sealing and is turned off when the seal is completed. Wait a short moment (0.5 sec) after the indication is turned off to let the seal cool down before releasing the tube, together diode "STATUS" will turn green.

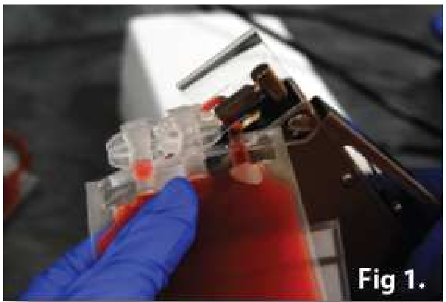
Fig 1.


Fig 2.


Fig 3.

Sealing Recommendations:

- Remove all moisture from the outside of the tube prior to sealing.
- Never stretch the tube during sealing.
- Seals should be made straight across, flat, and in line with the spike port wings (refer. Fig 1)
- To ensure proper fit in cryostorage cassettes, place a heat seal on the donor tube as close to the stub tube as possible, below the top of the spike ports (refer. Fig 2)
- Add a second seal closely above the first seal. The second seal should be no higher than the height of two spike ports (refer. Fig 3)
- Do not tear or pull seals apart as this can result in a jagged edge and may break open the seal, causing it to leak. Cut the sealed tube through the middle of the second (top) seal.
- Recommended max 1 seal each 3rd sec during continuous use or max 50 seals in sequence and after that 15 minutes rest.

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