

# DELCON

## HEMO Weld

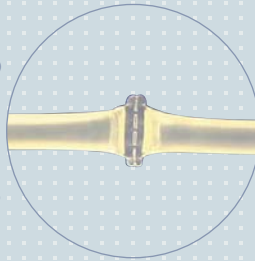
### Tube sealer systems

CE

HEMO Weld-B  
Mobile tube sealer



HEMOWELDS are designed to produce sterile seals on standard PVC tubing normally used in conjunction with blood bags



HEMO Weld-T  
Bench sealer for PVC medical grade tubing

HEMO Weld-MC  
Automatic sealer for segments preparation



# Tube sealer systems

# HEMOWeld-B

## Mobile tube sealer battery powered

- ↘ Light, about 1 kg
- ↘ Powerfull, 500 sealing procedures
- ↘ Certified to work with needle still connected to the patient
- ↘ Supplied with a shoulder bag



HEMOWELD-B is supplied together with a comfortable shoulder bag. It is portable and equipped with a powerful rechargeable battery pack.

It can be used to seal most of standard tubing available on the market. It is easy to use and to clean and thanks to its low power consumption it permits more than 500 procedures with fully charged battery. Each seal it appears with a central line to facilitate the snap-apart separation of the two parts.

A anti-spark and overheat protection systems to avoid damage to the system and tubing it is included as standard. A beep and LED signals indicate the presence of sparks while sealing, electrodes dirty or battery low. The sealer is certified as CF Class for the Electrical Safety Standards and it can be used with patient/donor still connected to the needle.



↑ Hemoweld-B with its transport hand bag

TECHNICAL DATA	
<b>Description:</b>	Mobile tube sealer
<b>Trade name:</b>	Hemoweld-B
<b>Sales code:</b>	HWELD-B.DB.00
<b>Manufacturer:</b>	DELCON s.r.l. - Arcore (MI) Italy
<b>EEC Classification</b> as for MDD 93/42 EEC:	Class 1 - Medical device
<b>Reference standards:</b>	EN60601-1 for electrical safety, EN60601 for EMC
<b>Class of protection:</b>	Internal powered equipment
<b>Type:</b>	CF
THREE ELEMENTS FORM HEMOWELD-B:	
<b>Dimensions [mm]:</b>	<b>Radio frequency Generator</b> 107W x 42H x 161D
<b>Weight:</b>	1 Kg
<b>RF output:</b>	80 Watts maximum effect
<b>Capacity:</b>	more then 500 sealing procedures with fully charged batteries and with standard tubing
<b>Working frequency:</b>	40.680 MHz
<b>Environment of use:</b>	Temperature 10° ÷ 40° Humidity 10 ÷ 90% RH without condensation
<b>Batteries:</b>	24 VDC NiCd
<b>Dimensions [mm]:</b>	<b>Battery Charger</b> 77W x 68H x 120D
<b>Weight:</b>	280 g
<b>Current consumption:</b>	700 mA
<b>Class of protection:</b>	2
<b>Power supply:</b>	100-240 Vac 47/63Hz
<b>Recharging time:</b>	less then two hours
<b>Dimensions [mm]:</b>	<b>Sealing Hand gun</b> 26W x 86H x 200D
<b>Net weight:</b>	230 g
<b>Fine for sealing of:</b>	standard PVC tubing medical grade from 2.7 to 5.0 mm O.D. max
<b>Cable:</b>	2 meter long

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2  
3

# HEMOWeld-T

**Automatic bench top sealer for PVC tubing**

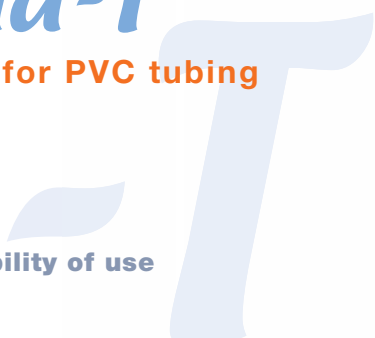
- For heavy duty job
- Automatic clamp
- Self adjusting RF energy
- Optional hand gun for best flexibility of use



This sealer is designed for bench use and for heavy duty job. The sealing clamp automatically closes once the tube is inserted inside by producing a seal in about 1.5 seconds.

The protection cap of the clamp it is easy to remove and it is washable. HEMOWELD-T can be used to seal most of standard PVC tubing available on the market. It is easy to use and to clean and it has a high working capacity. Each seal appears with a central line to facilitate the snap-apart separation of the two parts: sterility of internal blood components is maintained as well.

A anti-spark and overheat protection systems to avoid damage to the system and tubing it is included as standard. A beep and LED signals indicate the presence of sparks while sealing, electrodes dirty or system over heating. A separate hand gun is available as an option to improve the flexibility of work.



TECHNICAL DATA	
<b>Description:</b> <b>Trade name:</b> <b>Sales code:</b> <b>Manufacturer:</b> <b>EEC Classification</b> as for MDD 93/42 EEC: <b>Reference Standards:</b>	Bench electronic sealer for medical grade PVC tubing up to 5 mm O.D. Hemoweld-T HWELD-T.DB.00 DELCON s.r.l. - Arcore (MI) Italy Class 1 - Medical device EN 60601-1 for Electrical Safety, EN 60601-1-2 for EMC
<b>Dimensions [mm]:</b> <b>Weight:</b> <b>RF output:</b> <b>Working frequency:</b> <b>Class of Protection:</b> <b>Type:</b> <b>Environment of use:</b>	220W x 120H x 200D about 4 Kg 80 Watts 40.680 MHz. 1 B Temperature 10° ÷ 40° Humidity 10 ÷ 90% RH without condensation
<b>Power voltage:</b> <b>Energy consumption:</b> <b>External fuses:</b> <b>Internal fuse:</b>	115 / 230 V +/-10% a 50/60Hz 420VA 2 x 4AT 1 x 160mAT 1 x 10AT



➤ **Optional accessories:**  
 HWELD-B.DB.20

Sealing hand gun for 3 x 4.0 to 3 x 5.0 mm tubing supplied with 2 meters cable



# Tube sealer systems

# HEMOWeld-MC

Automatic bench sealer for segments preparation

- Unique system with four clamps
- Each clamp can be enabled or disabled
- Four segments same length prepared in few seconds
- Self adjusting RF energy
- Optional hand gun for best flexibility of use



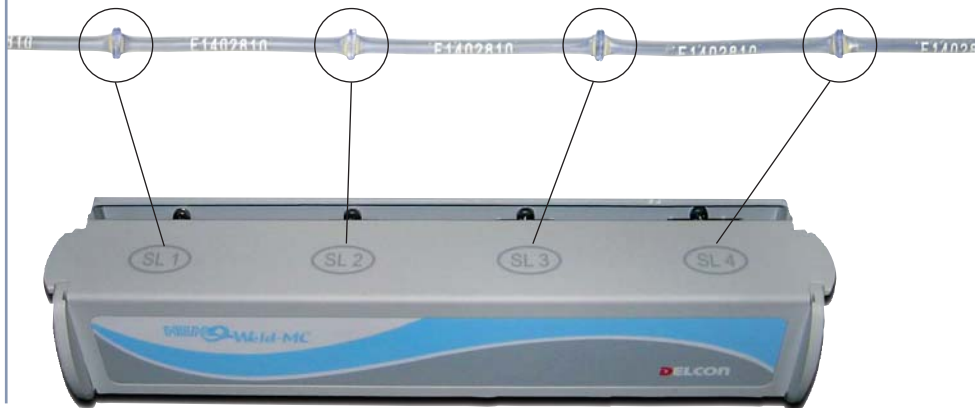
HEMOWELD- MC is designed to rapidly prepare up to four segments of PVC tubing. Each segment has a standard uniform length of 75 mm, enough to include any printed code with sufficient volume to perform any testing. The tubing is loaded inside a moving carousel and once in correctly in place the sealing process start automatically in sequence. The whole cycle with all four clamps enabled it last about 7 seconds. The Operator can chose if use all four clamps or only some at his choice by a programming key. The protection cover of the clamps is easy to remove and it is washable. HEMOWELD-MC can be used to seal most of standard PVC tubing available on the market. The sealer is easy to use and to clean and it has a high working capacity. Each seal appears with a central line to facilitate the snap-apart separation of the two parts: sterility of internal blood components is maintained as well. A anti-spark and overheat protection systems to avoid damage to the system and tubing it is included as standard. A beep and LED signals indicate the presence of sparks while sealing, electrodes dirty or system over heating. A separate handgun is available as an option to improve the flexibility of work.

➤ **Optional accessories:**

HWELD-B.DB.20 Sealing hand gun for 3 x 4.0 to 3 x 5.0 mm tubing supplied with 2 meters cable



TECHNICAL DATA	
<b>Description:</b>	Automatic sealer for segments preparation for PVC tubing up to 5 mm O.D, version with four clamps
<b>Trade name:</b>	Hemoweld-MC
<b>Sales code:</b>	HWELD-MC.DB.00
<b>Manufacturer:</b>	DELCON s.r.l. - Arcore (MI) Italy
<b>EEC Classification</b> as for MDD 93/42 EEC:	Class 1 - Medical device
<b>Reference Standards:</b>	EN 60601-1 for Electrical Safety, EN 60601-1-2 for EMC
<b>Dimensions [mm]:</b>	320W x 120H x 220D
<b>Weight:</b>	about 6 Kg
<b>RF output:</b>	80 Watts
<b>Working frequency:</b>	40.680 MHz.
<b>Class of Protection:</b>	1
<b>Type:</b>	B
<b>Environment of use:</b>	Temperature 10° ÷ 40° Humidity 10 ÷ 90% RH without condensation
<b>Power voltage:</b>	115 / 230 V +/-10% a 50/60Hz
<b>Energy consumption:</b>	550VA
<b>External fuses:</b>	2 x 4AT
<b>Internal fuse:</b>	1 x 160mAT 1 x 16AT



The specification can be changed without noticed - Rev. 1 - 2007