

KEY FEATURES

The new HemoWeld-Gun is the ultimate technological device in portable tube sealers, for safe, reliable and standardised results.

- 1. Smart Engineering** - the RF generator is directly embedded in the gun, meaning no energy wasted through the cord
- 2. Motor operated** - the whole sealing process is motor operated, highly consistent, with no stress for the operator
- 3. Silicone Cord** - an indestructible cable that can resist both traction and torsion
- 4. Tension relief** - 2 jaws move together with the sealing clamp, blocking the tube and ensuring no side traction
- 5. Easy snap-apart separation** - a clear-cut notch line allows for an easy separation of the tube
- 6. A talkative device** - audible alerts and LED notification, always on sight, for an easy detection of any issue
- 7. Long lasting** - a fully charged power pack performs more than 1500 seals
- 8. Heavy-duty** - more than 100 seals in a row
- 9. Data connection** - for log files and settings

HEMOWELD - GUN IS THE FLAGSHIP DEVICE OF THE HEMOWELD LINE

A range of products specifically designed to produce sterile seals on standard PVC tubing normally used in conjunction with blood bags.

Discover all the HemoWeld Line on our website!



REV.04 - 2017

For ordering and technical information, please download the Full DataSheet from our website.

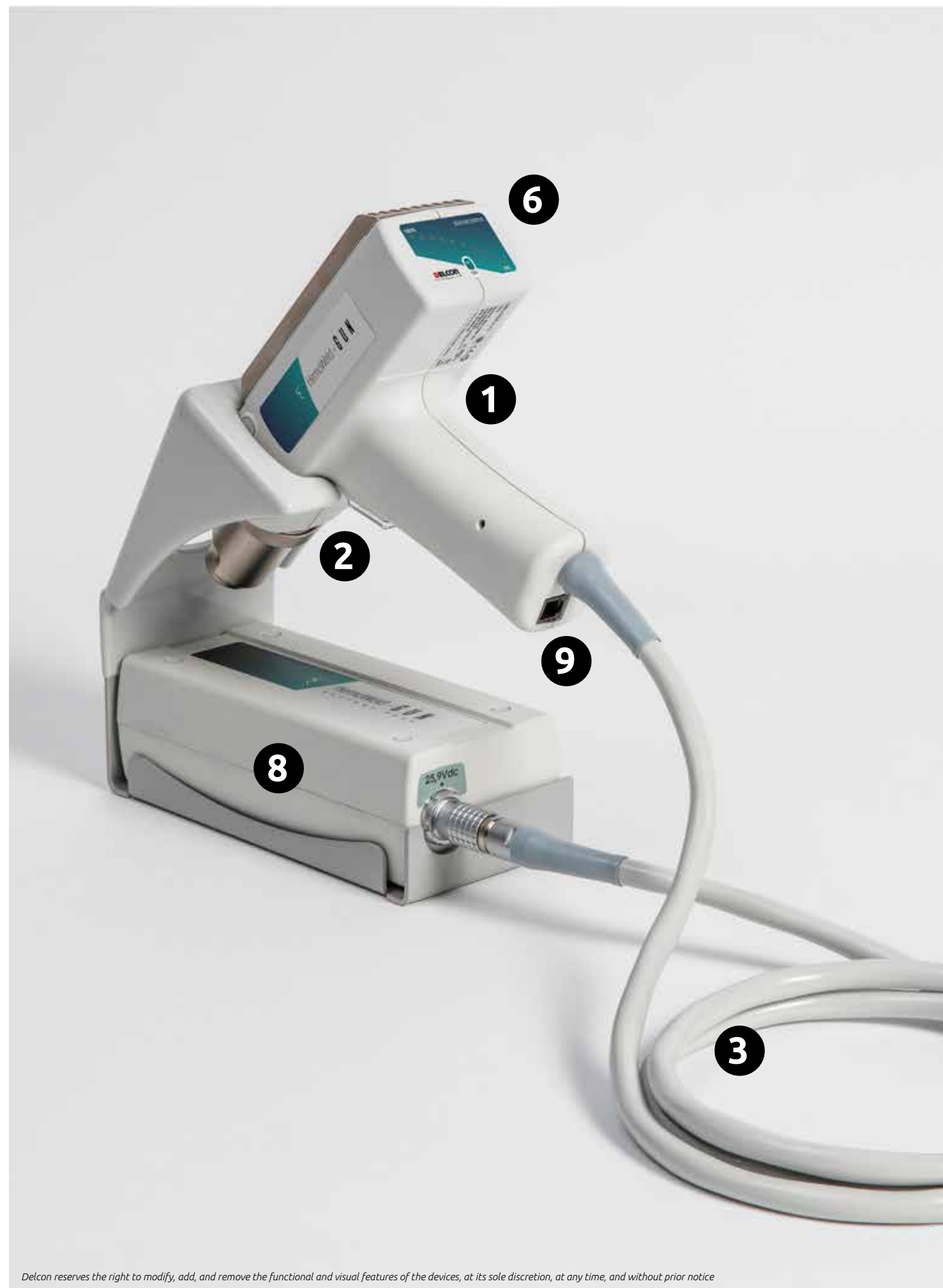
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HemoWeld - GUN

PORTABLE - SAFE - RELIABLE





Delcon reserves the right to modify, add, and remove the functional and visual features of the devices, at its sole discretion, at any time, and without prior notice

The new **HemoWeld-Gun** is the ultimate solution in portable tube sealers - the perfect device to achieve safe, reliable and standardised results in a highly-technological way.

HemoWeld-Gun can be used to seal most of standard plastic tubing of blood bags with outer diameter up to 5.00 mm; it is a Medical Device with electrical Class of Protection CF, and it can be used on tubing connected to needles still inserted into the vein.

The structure of HemoWeld-Gun encloses all power electronics as well as the RF generator inside the handgun, **without power loss** in the cord. The automated sealing is performed by a powerful **motor** that, simply by clicking the trigger, first locks the tube in using two moving jaws (with a **tension relief** system), and then performs the seal: all is done in just a few seconds. The automatic clamp motion gives standardised seals, with no manual strsss for the operator.

The lightweight **lithium** power pack is connected by a simple and long lasting **silicone** cable; the new electronics of HemoWeld-Gun allow a fully charged power pack to perform more than **1500** sealing procedures: this means a longer time between 2 charges. As the power pack can be recharged about **1000** times, this reflects in a longer battery lifespan, also improving its sustainability.

The easily detachable sealing head with integrated **splash guard** is designed for a simple and safe use and cleaning, while the anti-spark and self-reset overheat protection systems prevent any damages to the device as well as bad seals. HemoWeld-Gun is not afraid of getting in action: it is compliant to heavy duty tasks, being capable to perform up to **100 seals in a row** before overheating.

Its unique serial **data port** allows data logging, for service and use statistics (software and RS485/USB adapter are optional accessories).



Always on sight safety display

A LED display on the sealing gun makes it easy for the operator to check for battery charge, device status and any alert, while the RF generator embedded in the handle ensures the minimum energy waste possible.

Motor operated sealing motion

A soft-button triggered motor handles the sealing process, which means no stress for the operator and a highly standardised behaviour. A unique, mobile tube retention system ensure no side traction on the tubes.



Heavy-duty battery

More than 1500 seals for battery charge. Up to 100 consecutive seals. More than 1000 battery change cycles. A long-life battery, with an eye towards the environment.

Sales codes

HWG2.00V
The kit includes:

- HemoWeld-Gun Case Kit.
• 1 HemoWeld-Gun sealer
• 1 Li-Ion power unit device
• 1 battery charger
• 1 silicone grease ampoule
• Plastic transport case

HWG2.00H
The kit includes:

- HEMOWELD-Gun Holder Kit.
• 1 HemoWeld-Gun sealer
• 1 Li-Ion battery
• 1 battery charger,
• 1 silicone grease ampoule
• 1 bench holder

Optional accessories

HWG2.02
HWG.03
HWG2.04
HWG.04
HWG.51

- Power unit device
Charger for power unit device
Plastic transport case to transport and protect a ready-to-use kit, with place 2nd battery
Bench holder, to allow ready-to-use positioning and to facilitate mounting on walls or beds
Wheeled stand (h. 70 cm), to simplify moving the sealer around the donation room, also reducing the risks of falls. It is screwed to the bottom part of the bench holder.
Silicone grease ampoule for HemoWeld-Gun series
Diagnostic software and net adapter

HWG.103
HWG.50

Technical Data

CE marking:

Complies with Class 1 Medical Device according to directive 93/42 MDD and 2007/47 MDD

Reference standard:

IEC 60601-1; EN 60601-1:2006 (*Safety*)
CSA/CAN CSA C22.2 No. 60601-1:08 (*Safety - Canadian National Differences*)
ANSI/AAMI 60601-1:2005 (*Safety - United States National Differences*)
SN EN 60601-1:2006 (*Safety - Switzerland National Differences*)
IEC 60601-1-2:2007; EN 60601-1-2:2007 (*EMC*)

Safety class:

Internally powered equipment

Applied part:

CF

Packaging Dimensions:

500 x 400 x 145 mm

Packaging Weight:

3.5 kg

RF output:

60 Watt max with automatic adjustment

Sealing capacity:

more than 1.500 seals with battery fully charged

Generator working frequency:

40.680 MHz

Recharging time:

about 3 hours (full charge)

Battery capacity:

25,2Vdc – 2500 mA/h

Conditions of use

Environment:

Temperature +10°C - +35°C
Humidity 10 - 90% RH without condensing

Environment of stocking:

Temperature 0°C - +35°C (40°C for one week)
Humidity 10 - 90% RH without condensing

