

D-Mach WELDER

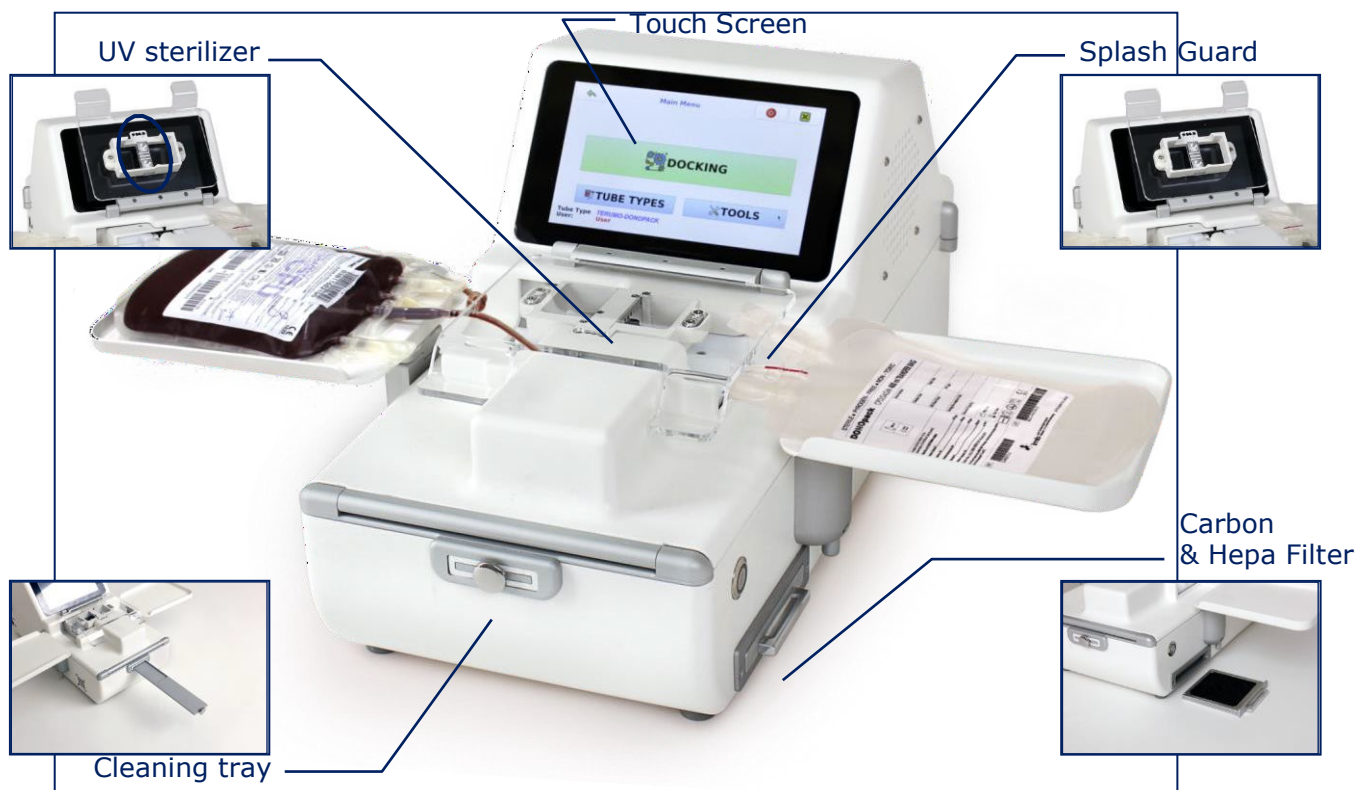
Sterile Medical PVC Tube Welder with GREEN Technology

- It simply uses the known **RF (Radio Frequency)** technology for all phases; Sealing – Welding.
- It connects medical PVC tubes **without disposables; no knife – no blade – no copper wire**. Ultimately, **negligible odor, waste and exhaust**, it gives GREEN output by using RF technology. Integrated Hepa filter system guarantees the trapping of PVC particles.
- Smooth sealing– welding process with **no preheating** technology
- D-Mach WELDER enables **sterile connections of all wet and dry** tubing combinations of blood bag tubes from various ranges. (tube diameter from 3,5mm to 5,0mm)

- Patented Automatic Tube Connection Point Opening

D-Mach WELDER has unique and patented “automatic opening of liquid flow” at the connection point for wet/wet, wet/dry, dry/dry for some tubes. Optionally closed connection points can be opened by using a tube stripper or with fingers.

***Easy activation** of the sterile connections by **license code via USB stick or link**, sterile connections can be selected individually and flexibly.



Intended Use

D-Mach WELDER is intended for making sterile connections between medical PVC tubing

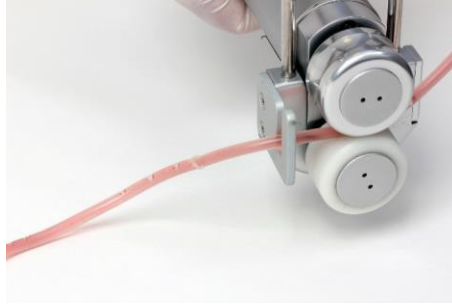
- Component pooling
- Connection of Leuko filter system
- Any blood bag sets modification
- Cell washing connection
- Sampling for Quality Control

D-Mach WELDER

Unique Solution for Tube Connection Point Opening



For some tubes and for all type of combinations, the welded connection place can be opened automatically, patented procedure selectable in the device menu



Compatible with manual and automatic strippers
The welded connection place for wet tubes can be opened with tube strippers, manual operation not needed

Specifications

Welding Time 14 sec to 16 sec

Tubing Material PVC

Tubing Size Outer Diameter 3,5mm to 5,0mm
Wall Thickness 0,4mm to 0,8mm

Power Supply 100 V AC to 240 V AC / 50 to 60 Hz

Ambient Temp 10°C to 40°C

Humidity 20% to 90%

Code for Machine: WM-10350

Code for Docking Credits: WC-10350

Altitude Operable until 3000m

Dimension with bag trays : 590(W), 253(H), 508(L)mm
without bag trays : 276(W), 253(H), 508(L)mm

Bi directional Data transfer

Barcode Reader yes / optional

iQ-Link SW Software for data collection and data transfer

Color T-Screen with guiding symbol



NO WASTE

Easy and disposable-free solution



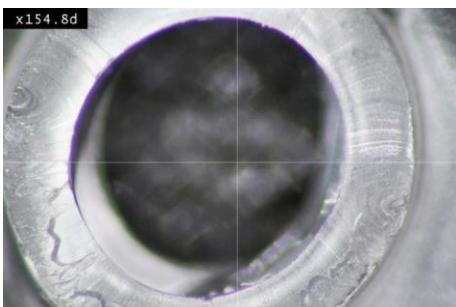
GREEN TECHNOLOGY

Radio Frequency cutting and welding
for environment friendly welding



SMALL FOOTPRINT

Modular and space saver design



No intervention with interior of tube



Impeccable seal quality



100+ Newton tensile strength