

Blood Sterile Tube Welder **STW6810-RFID**

Chinese Medical Registration No: 20222143830

Generation II

D-solution



The first device to integrate smart welding consumables and data management solutions

Made by bms

Leading by Innovation

Bringing Innovation to Sterile Tube Welding

Generation II combines novel consumables with superior data management

Intuitive welding consumables

Built-in RFID chip reader reads the chip on the cassette in real time

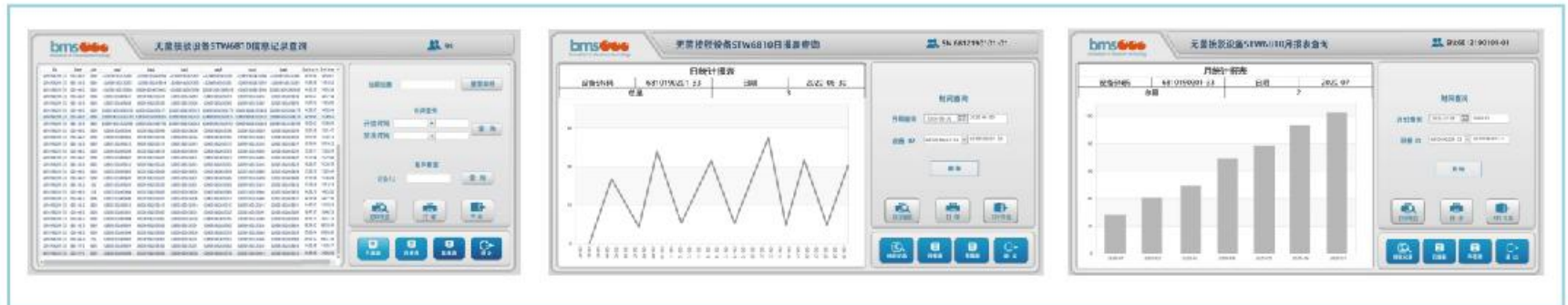


Electronic welding information

Enables the collection, storage, analysis and export of tube welding data
Operator barcode, welding time, blood bag and weight capture as well



Welding data displays



Registration certificates and patents



Supporting device: Automatic Welded Tube Opener WTO3610

Alternative to manual operation

After checking for foreign matter in the head, connect to power and turn on the device



Slide the tube joint horizontally along the U-slot to the lowest end (as shown in the diagram)



Tube joint is squeezed



Tube joint opened successfully



Technical Parameters

Product name and model: Blood Sterile Tube Welder STW6810-RFID

- 1 Sterile welding of PVC-PVC/EVA-EVA tubing or blood bag tubing in a general (non-sterile) environment
- 2 Welding type: dry-wet, dry-dry and wet-dry
- 3 Automatic mode: welding starts and resets automatically once welding is completed
- 4 Tensile strength of connection: at least 5kg more than 3kg requirement in ISO3826
- 5 Welding time: less than 21 seconds
- 6 Tube specification: outer diameter $\leq 5.0\text{mm}$, inner diameter $\geq 2.7\text{mm}$, wall thickness $\geq 0.5\text{mm}$
- 7 Minimum tube length: $\geq 45\text{mm}$
- 8 ★300 welds per RFID cassette, cassette dimensions: L116 * W 90 * H21 (mm)
- 9 ★10-inch color LCD touch screen
- 10 ★ Data collection: integrated module allows real-time scanning, weighing, data recording and storage throughout the welding process
- 11 Data output: wireless transmission of data to end-user
- 12 Device dimensions: L370 * W405 * H290mm (without blood bag tray)
L690 * W405 * H290mm (with blood bag trays)
- 13 Weight: 30 lbs or 13.8kg
- 14 Working power rating: 300VA
- 15★Classification: NMPA Active Class II Medical Device / EU CE MD Class I / FDA 510K No: BK220673

First generation STW6810 currently in 35 countries since 2019 across Europe, Asia, America. Highly regarded by international customers.



Generation one STW6810

Chinese Medical Registration No:20172452336

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