

Sold to 30 countries and regions worldwide



The Sterile Tube Welder STW6810 was exported to 30 countries and regions, covering Europe, Asia, America and Africa, highly recognized and praised by overseas customers.

New product: Digital Workstation on Sterile Tube Welding STW6810VIP



Specially used for plasma virus inactivation STW6810VIP-I



Specially used for RBC washing STW6810VIP-II



Specially used for platelet pooling STW6810VIP-III

Technical parameters of STW6810-RFID

Product	Description
STW6810-RFID	<ol style="list-style-type: none"> 1. Realize sterile welding of PVC to PVC tube or blood bag tubes in conventional environment (Non sterile environment) 2. PVC tube connection mode: dry-wet /dry-dry /wet-wet 3. Tensile strength: $\geq 50N$, in accordance with ISO3826-1:2003 Standard 4. Welding time: 18 seconds 5. Tube specification: external diameter $\leq 5.0mm$, internal diameter $\geq 2.7mm$, wall thickness $\geq 0.5mm$ 6. Tubing length: $\geq 45mm$ 7. ★Welding Qty /cassette: 300 welds 8. Screen: 10-inch color LCD touch screen 9. Device dimension: L370 * W405 * H290mm (without blood bag tray)/ L690 * W405 * H290mm (with blood bag tray) 10. Rated power: 300VA 11. Electrical safety: GB4793.1-2007, EN 60601-1:2006+A1 2013/ EN 60601-1-2:2007

bms Sterile Tube Welder STW6810-RFID High Innovation



Application advantages

- Original technology of wire cassette welding with invention patent
- The 10 Inch Touch color screen can display the welding process in real time
- Stable and reliable tensile strength and welding quality fully meets the requirements of international standard ISO3826
- The cassette with RFID chip could accurately identify the remaining weldings
- Realize data management and traceability
- The Intelligent Gateway can monitor the running status of each equipment in real time

Leading by Innovation

Focus • Innovation • Sustainability



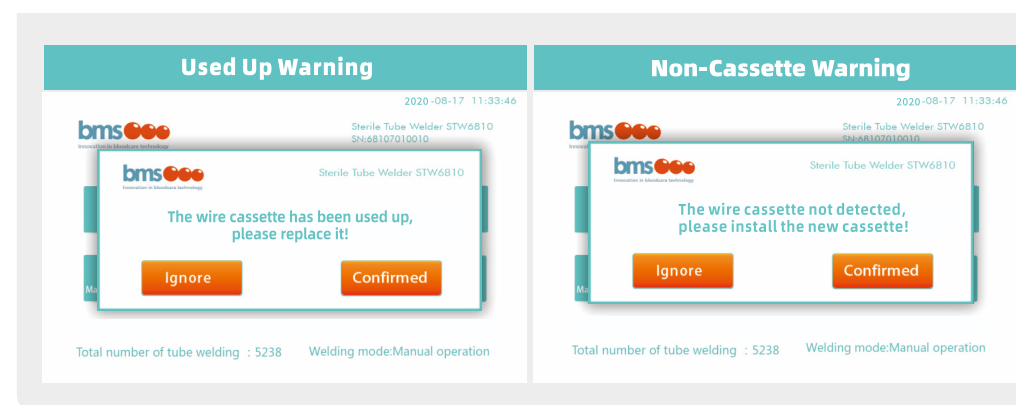
Weld the tube

Pinch the tube

Tubes got through

Only to ensure safe, stable and sterile tube welding

- 10" color touch screen for great comfort of users and showing live welding process
- Only one hand operation to move top cover
- Blood bag wing
- Easier tube alignment by clamp
- Instruction for blood bag placement
- For all tube connections, wet-wet/wet-dry/dry-dry
- Able to weld tubes with external diameter $\leq 5.0\text{mm}$, inner diameter $\geq 2.7\text{mm}$, wall thickness $\geq 0.5\text{mm}$



The welding time is 18S

- Software display:
 - 1. Selection screen: "请选择血袋接口" (Please select blood bag interface) with "开始" (Start) and "返回" (Return) buttons.
 - 2. Completion screen: "完成焊接!" (Welding completed!) with a smiley face and "复位" (Reset) button.
- Metal wire cassette:
 - 300 welds
 - 116mmL*90mmW*21mmH

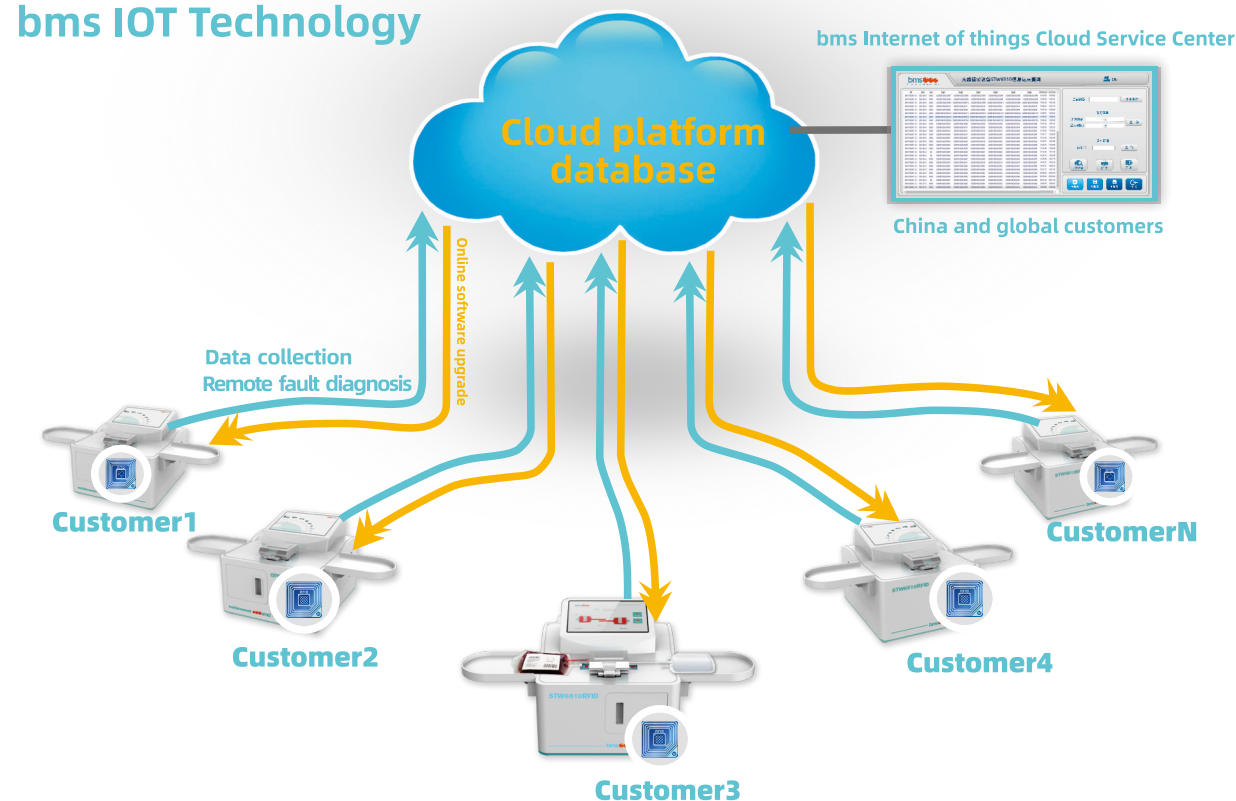
RFID chip

- To identify remaining weldings of each cassette: The welding number of each cassette can be recorded and identified automatically with RFID chip after installation
- Non-Cassette Warning: Constant warning for non-cassette through RFID detection until the user installs a new cassette
- To avoid reuse of cassette: After the RFID-coded cassette has been used up, the welding number will be displayed as "0" on the screen to remind the user to install a new cassette

Intelligent Gateway

The equipment can be monitored with data intelligent gateway, and the welding data and errors can be viewed on the cloud platform, so as to realize remote and rapid diagnosis of equipment faults

bms IOT Technology



STW6810-RFID can also be connected with D-Solution device to realize the collection and statistics of welded data

Connection diagram

