



Technical Features

Parameter	Specification
Function	Sterile tube-to-tube welding
Operation Mode	Fully automatic
Tube Compatibility	PVC tubing (standard blood bag tubes)
Tube Outer Diameter	4.0 – 6.0 mm
Weld Cycle Time	≤ 30 seconds per connection
Cutting Method	Heated blade or infrared welding (as per model)
Sterility Level	Equivalent to aseptic connection (Class 100 / ISO 5 validated)
User Interface	LCD / Touch screen display with status indicators
Power Supply	100–240 V AC, 50/60 Hz
Power Consumption	≤ 200 W
Safety Standard Compliance	IEC 60601-1 (Electrical Safety), IEC 60601-1-2 (EMC)
Quality Standard	ISO 13485:2016 Certified Manufacturing Facility