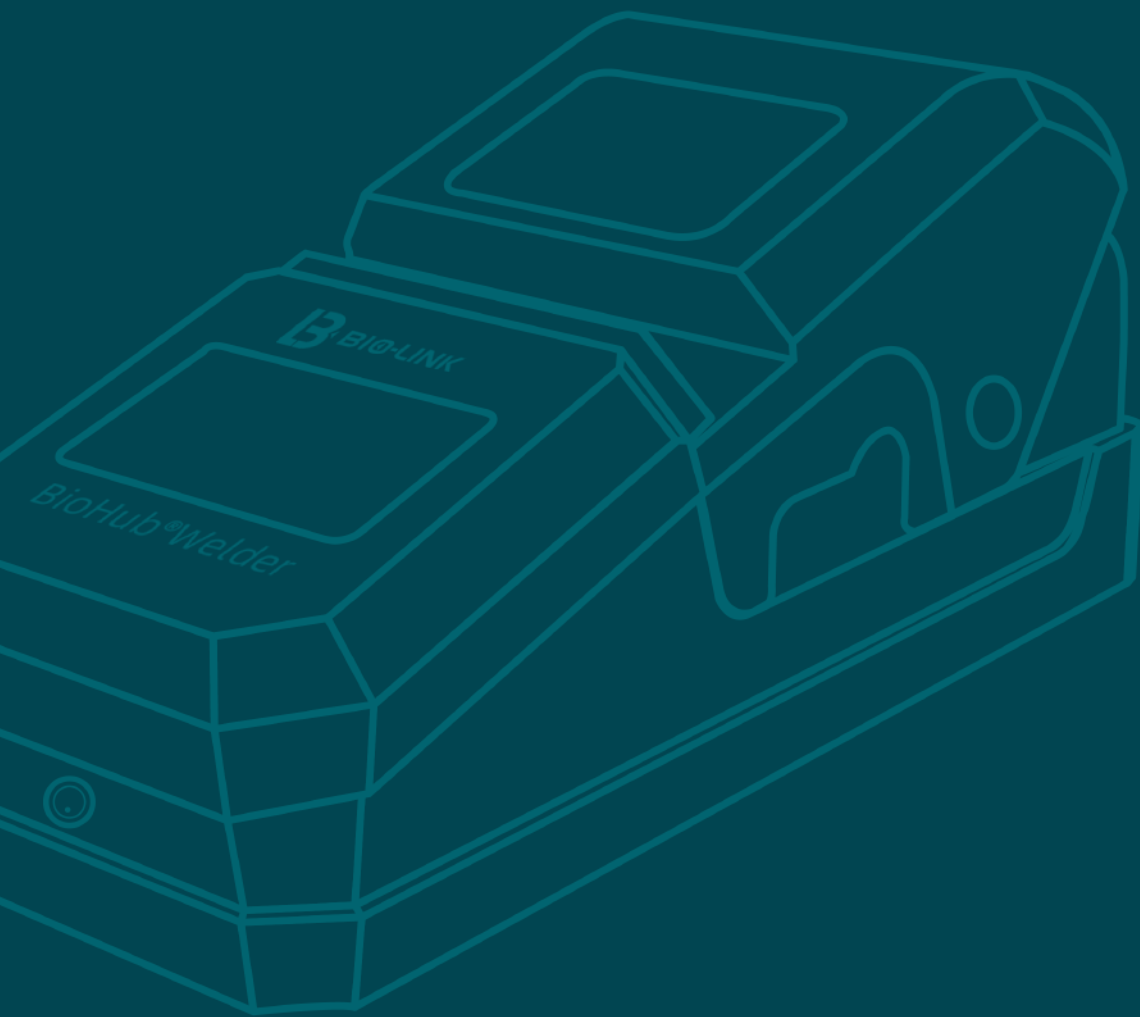




BioHub® Welder



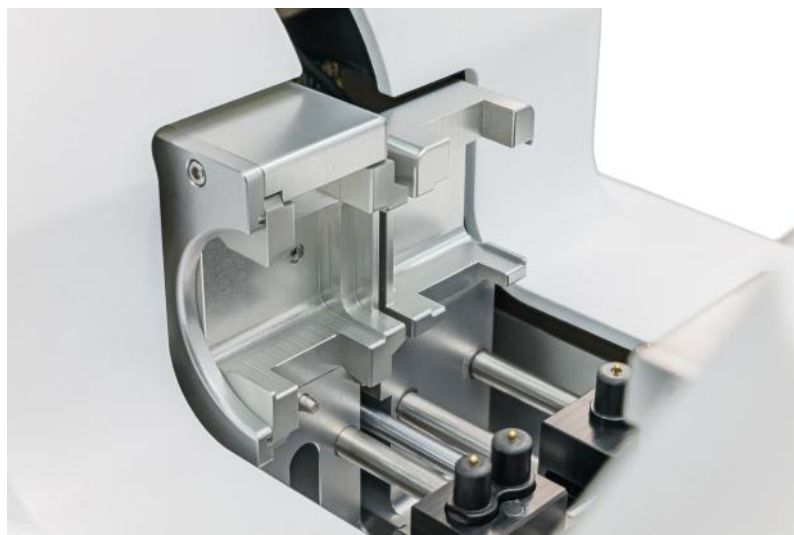
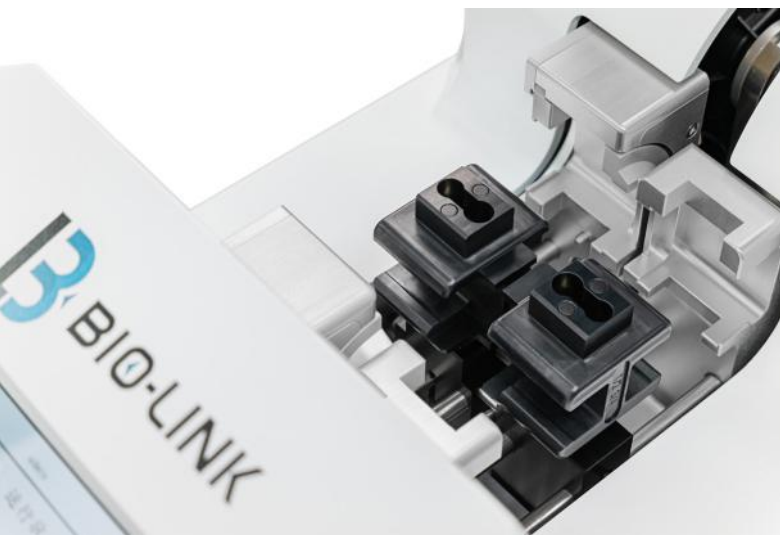
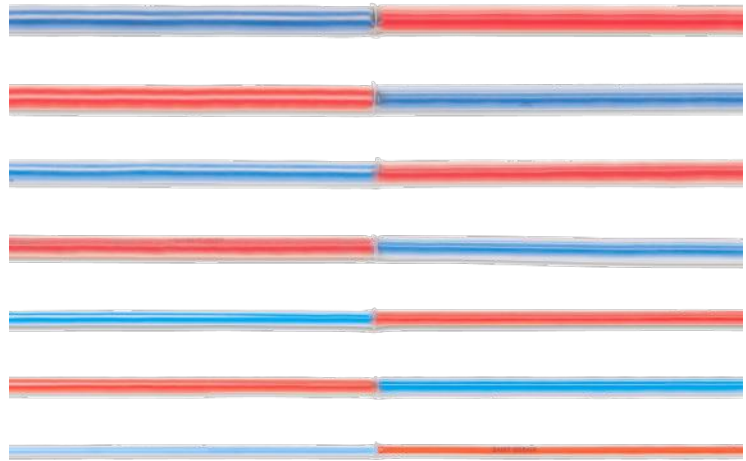
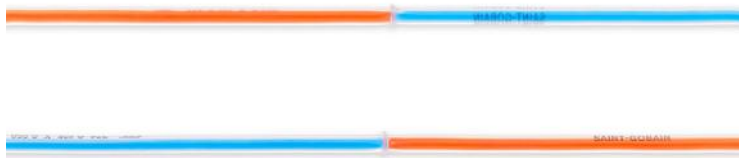
BioHub® Welder provides a flexible, fast and cost-effective solution for aseptic connection of fluids. With this solution, the aseptic connection of single-use process bags, single-use tubing assemblies and units can be achieved in a non-sterile environment during the biopharmaceutical manufacturing process, without pre-assembly.

Application:

- Aseptic connection of TPE tubing for mixing/storage bags
- Aseptic connection of TPE tubing for feeding bags
- Aseptic connection of TPE tubing in other process steps

Operating Principle:

Properly place the tube holders, disposable blade, and the TPE tubing to be connected, operate the touch screen to initiate the welding process: heat the blade to 400 °C (for pyrogen removal), then cool to the welding temperature. After the tubing is cut, the tube holders automatically rotate and the pipe sections are each reconnected to form two closed tubings.



Features:

Automatic identification:

Automatic tubing identification for automatic welding process

Easy operation:

Step-by-step prompts are provided on the touch screen for accurate tube welding, facilitating the tracking and monitoring of each step

Wide coverage:

Compatible with OD 1/4"-1" tubings, applicable for tube welding with/without fluid

High flexibility:

C-Flex® 374 and AdvantaFlex® tubings are available as standard configurations, and tubings of other brands are also supported

Short-time and high-efficient:

Automatic tube welding can be completed rapidly and reliably in less than 180 s, reducing the production time

Two-way welding:

The unique patented rotation technology allows the production of two independent tubings only by a single connection, increasing the practicability of the welder

Highly inclusive:

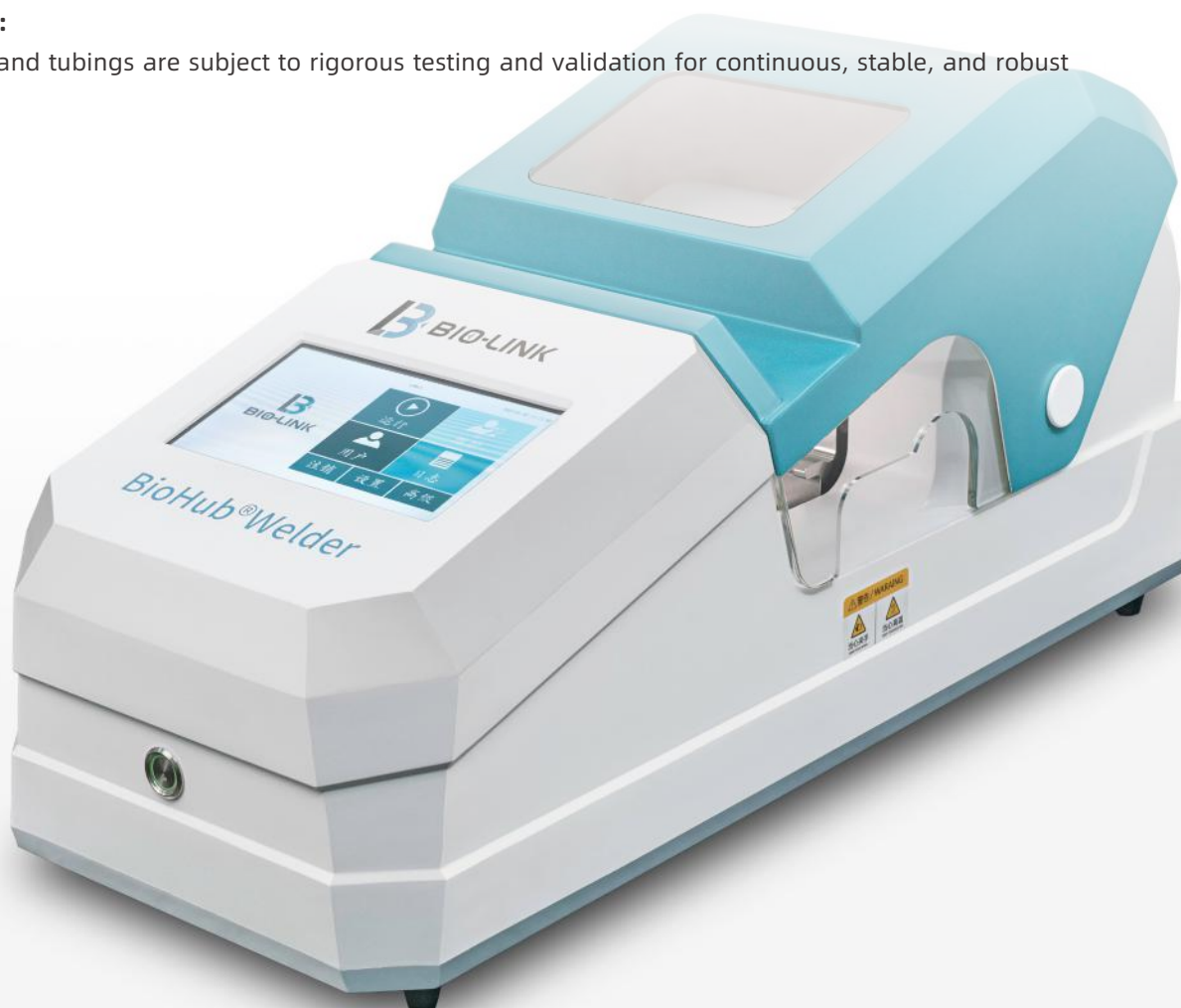
The tubing can be operated at a length as short as 400 mm, facilitating the operation

Data reliability:

The welder is assured of data integrity, with complete 3-level permissions, audit trail, data export, and other related functions

Stability and security:

Welding parameters and tubings are subject to rigorous testing and validation for continuous, stable, and robust aseptic connections



Product Parameters:

Power supply	220 V/50 Hz
Power requirements	160 W
Dimension	590 mm × 251 mm × 297 mm
Net weight	19.4 kg
Welding time	≤ 3 min
Heat-sealing conditions	5-40 °C, 50%-80% RH
IP grade	IP20

Ordering Information:

Name	Product Code
BioHub® Welder	BLKWELDER01
1/8 × 1/4 pipe shoe (2 pcs/BX)	BLKTBHL01
1/4 × 3/8 pipe shoe (2 pcs/BX)	BLKTBHL02
1/4 × 7/16 pipe shoe (2 pcs/BX)	BLKTBHL03
3/8 × 5/8 pipe shoe (2 pcs/BX)	BLKTBHL04
5/8 × 7/8 pipe shoe (2 pcs/BX)	BLKTBHL05
1/2 × 3/4 pipe shoe (2 pcs/BX)	BLKTBHL06
3/4 × 1 pipe shoe (2 pcs/BX)	BLKTBHL07
IOQ validation service	IOQ-WELD-01

About BioLink

BioLink is a group of technology-driven businesses that provide process solutions in the life sciences industry. The company focuses on the development and production of the key processing equipment and consumables used in the manufacturing process of recombinant protein drugs, vaccines, antibodies, cell therapies, gene therapies, and other biological products. BioLink's portfolio of offerings covers the entire upstream and downstream bioprocess such as cell culture, single-use mixing and storage, chromatography, filtration (ultrafiltration/diafiltration, clarification, and virus removal), and hydration products, as well as process development services. BioLink is committed to providing customers with high-quality, innovative products and solutions and strives to build an efficient, safe, and competitive biopharmaceutical supply chain eco-system.

✉ info@biolink.com

BioLink is the trademark of all operating companies offering services of Bio-Link Biological Applied Technologies (Shanghai) Co., Ltd., and BioHub is a registered trademark for BioLink products.

© 2024 All sales of products and services must abide by the terms and requirements of sale of all BioLink operating companies.

BioLink provides sales and application support for all products. BioLink reserves the right to change the quantities and functions described in this document. For the latest information, please contact BioLink.

Document No.: BLK-BR-20240617-02-EN