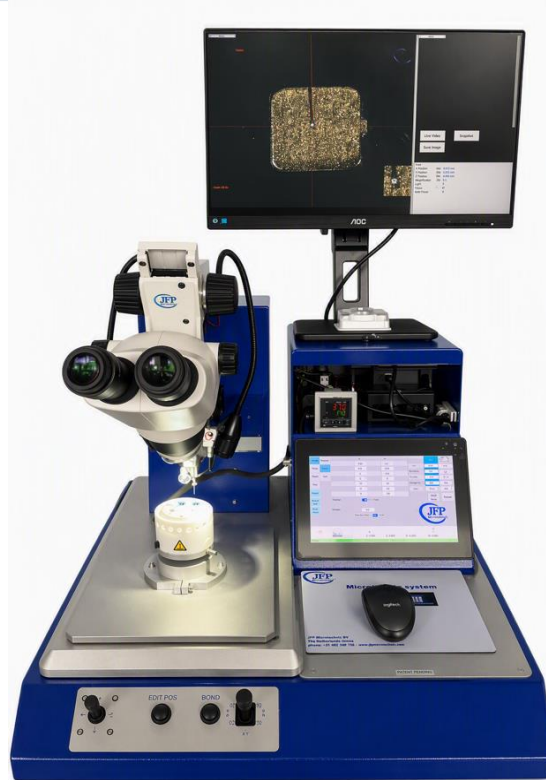


WB200-e

MANUAL & SEMI-AUTOMATIC WIRE BONDER

A manual and semi-automatic wire bonder for precise wedge and ball bonding with fine wire from 17 μm to 50 μm .



WEDGE & BALL BONDING

MOTORIZED Z/Y-AXIS

TOUCHSCREEN

17–50 μm WIRE
RANGE

Flexible by design

The WB200-e is a versatile semi-automatic wire bonder designed for R&D, process development, prototyping, and small-series production. Combining manual control with advanced automation, the WB200-e delivers outstanding flexibility, precision, and process repeatability.

Explore the possibilities

Contact Micronnect for configuration advice, a demonstration, training and service.

KEY BENEFITS

- Manual, Semi-Automatic and Auto-Bond operation
- Motorized X/Y stage and Z-axis control
- Excellent fine-pitch bonding capability
- Programmable multi-shape loop profiles
- User-friendly touchscreen interface
- Compatible with gold, aluminum and ribbon wire

Technology and configuration

A compact manual, semi-automatic and auto-Bond wire bonder with extensive process control for laboratory and flexible production environments.

01 Precision Motion

Motorized X/Y movement (100 × 100 mm) combined with a true vertical motorized Z-axis ensures highly accurate positioning.

02 Three Bonding modes

Select between Manual, Semi-Automatic, and Auto-Bond operation to match your production and development requirements.

03 Programmable Process

Bond force, bond time, search height, wire tail length and loop profiles can be individually programmed for every application.

04 Vision Assisted Bonding

Advanced microscope and camera options provide excellent visibility and precision for fine-pitch and deep-access bonding.

TECHNICAL DATA

Bonding area	165 × 165 mm
Z travel	40 mm
Bond Arm Length	165 mm
Ultrasonic system	PLL, 62 kHz
Bond Force	10 – 150 cN
Capillary / tool	Ø 1,58 mm
Dimensions	640 × 710 × 550 mm
Weight	60 kg

Specifications are based on the supplied product information. Final execution may vary by configuration.

OPTIONS

- Heated workholder
- Automatic wire despooler
- Vertical Camera System
- Tool heater
- Additional light source
- Side inspection Camera

The automatic wire despooler provides controlled wire feeding and helps keep the fine wire securely guided, reducing the risk of the wire slipping out during operation.

Find the right configuration for your process

Contact us for technical advice or a demonstration.

CONTACT