XIAMEN JINGWEI TECHNOLOGY CO., LTD.

Semi-Automatic Soldering Machine

5 Products



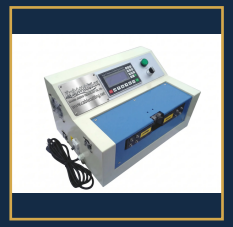
205H



WPM-USB08



WPM-142



WPM-904



WPM-141

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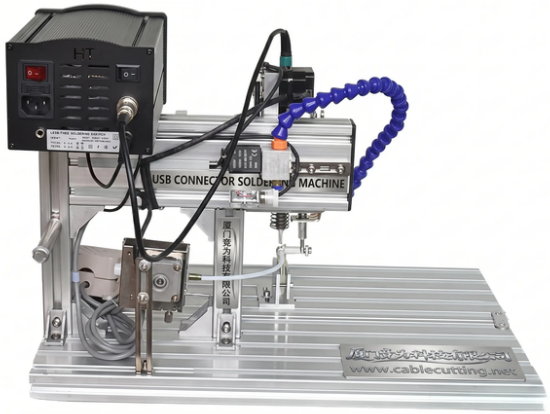
Product Overview - Semi-Automatic Soldering Machine



205H

Semi-Automatic USB Connector Soldering Machine



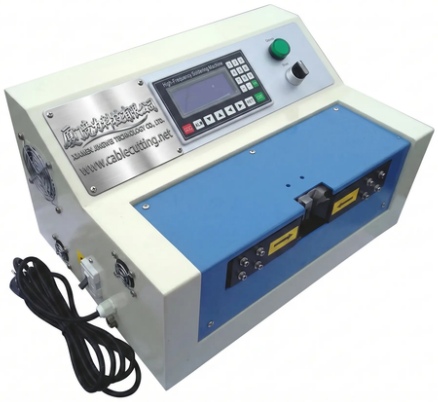
WPM-USB08

Semi-Automatic Foot Switch Connector Soldering Machine



WPM-142

Fully Automatic LED Module Soldering Machine



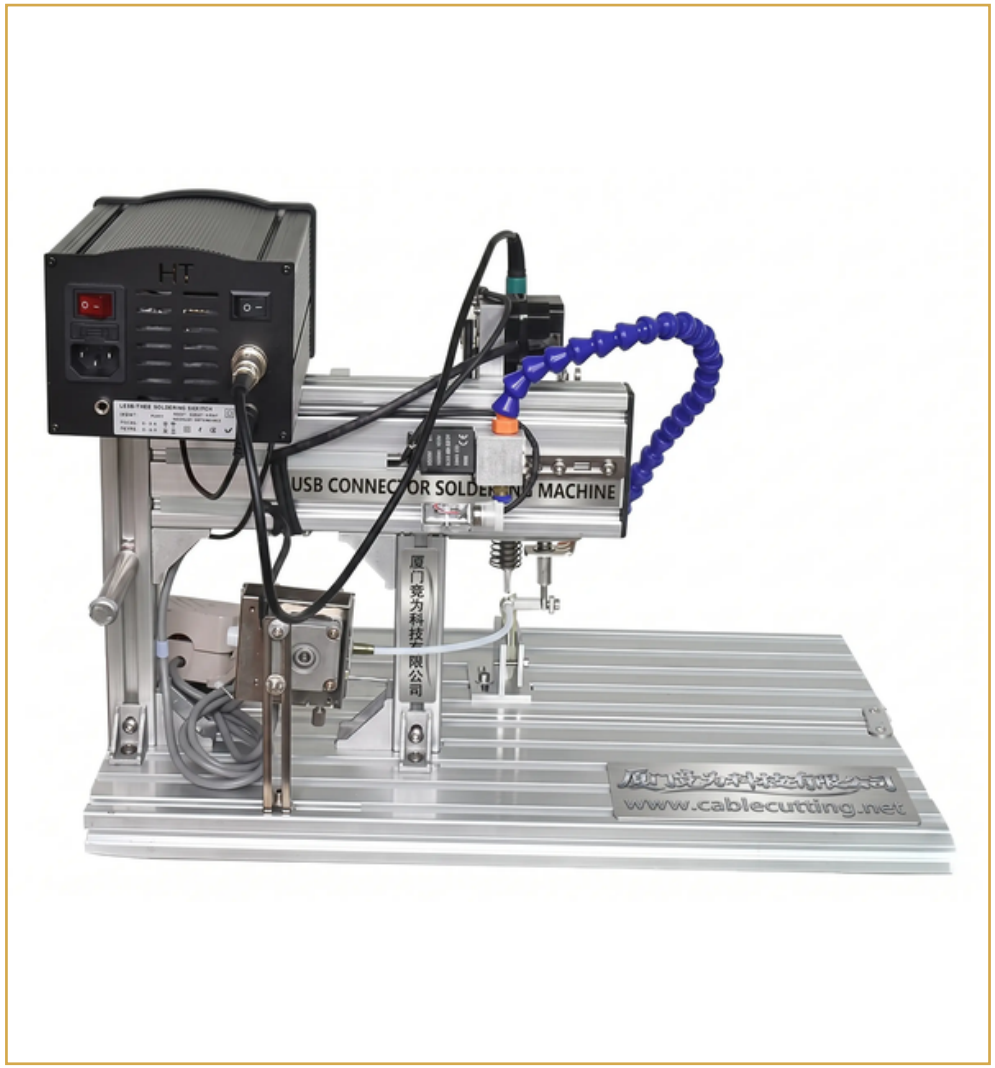
WPM-904

High-Frequency Soldering Machine for Connectors



WPM-141

Semi-Automatic Soldering Machine for Wire & Connectors



Semi-Automatic USB Connector Soldering Machine 205H

The 205H Semi-Automatic USB Connector Soldering Machine is a versatile solution for high-volume soldering of USB, Micro USB, Type C, iPhone, DC, RCA, BNC connectors and LED chips. With a capacity of 600-800 pieces per hour and tin wire soldering, it delivers consistent precision and stability for cable assembly production.

Specifications

Model	205H
Voltage	AC110-220V
Power	150W
Capacity	600-800pcs/h
Soldering Material	Tin wire
Weight	9kgs
Dimension (L x W x H)	400 x 300 x 300mm



Semi-Automatic Foot Switch Connector Soldering Machine WPM-USB08

The WPM-USB08 is a semi-automatic multi-function foot micro switch connector soldering machine designed for high-volume soldering of USB, Micro USB, Type C, iPhone, DC, RCA, BNC connectors and LED chips. With foot switch operation and 600-800pcs/h capacity, it offers versatile and precise soldering for diverse connector types.

Specifications

Model	WPM-USB08
Voltage	AC110-220V
Power	150W
Capacity	600-800pcs/h
Soldering Material	Tin wire
Dimension (L x W x H)	400 x 300 x 300mm
Compatible Connectors	USB, Micro USB, Type C, iPhone, DC, RCA, BNC, LED chip



Fully Automatic LED Module Soldering Machine WPM-142

The WPM-142 Full Automatic LED Module Soldering Machine automates the entire soldering process with double soldering heads, dual-rail structure, and 0.01sec soldering speed. Achieving 3000-5000 LED modules per hour with ±0.02mm repeat accuracy, it saves 4-5 laborers while delivering superior solder joint quality for LED modules, lamp posts, and strips.

Specifications

Model	WPM-142
Voltage	AC220V-50Hz
Size	45x50x60cm
Weight	45kg
Power	350W
Max Stroke Y-axis	260mm
Max Stroke Z-axis	120mm
Temperature Range	0-480° C
Tin Output Control	420 stepper motor
Control System	Single-chip program
Soldering Head Tip OD	1.0-5.5mm
Soldering Head Heating	120W high-frequency
Transfer Method	Belt drive
Supported Wire Diameter	0.1-1.2mm
Soldering Speed	0.01sec
Repeat Accuracy	±0.02mm
Track Slide Mode	Straight line
Structure	Aluminum CNC engraving



High-Frequency Soldering Machine for Connectors WPM-904

The WPM-904 High-Frequency Soldering Machine utilizes contactless soldering technology for fast, precise, and damage-free connector soldering. With a 0.6-second soldering cycle (0.3s soldering + 0.3s cooling), adjustable power and parameters, it protects delicate plastic parts from heat damage while maximizing production throughput for USB and various connector types.

Specifications

Model	WPM-904
Voltage	AC 220V 50-60Hz
Power	1.8KW
Driven Type	Electric
Dimension (L x W x H)	45 x 32 x 25cm
Weight	13KG
Soldering Time	0.3-0.6s
Cool Time	0.3-0.4s
Air Pressure	4-8KG
Soldering Method	High-Frequency, Contactless



Semi-Automatic Soldering Machine for Wire & Connectors WPM-141

The WPM-141 Semi-Automatic Soldering Machine features a high-precision modular platform with advanced drive and positioning systems. With 800-1200pcs/h productivity, constant temperature control, and 90-degree soldering angle, it is ideal for PCB-to-wire, PCB-to-fill wire, and USB connector soldering applications. Simple operation: place wire in fixture, move to platform, press start.

Specifications

Model	WPM-141
Voltage	AC220V/110V
Power	280W
Air Pressure	0.5-0.8MPA
Productivity	800-1200pcs/h
Dimension (L x W x H)	810 x 510 x 460mm
Temperature Control	Constant Temperature
Soldering Material	Soldering Wire
Soldering Angle	90 degree

Contact Us

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