

Automated Wave Soldering Machine for PCB Assembly

This automated wave soldering machine is designed for high-volume PCB assembly. It is equipped with a conveyor system, adjustable wave parameters, and a temperature control system.



Product Overview

High-Efficiency PCB Soldering

This automated wave soldering machine is engineered for high-volume printed circuit board (PCB) assembly. It integrates a complete process line including fluxing, preheating, precise solder wave application, and cooling to ensure optimal soldering quality. Designed with a robust conveyor system and advanced temperature controls, it provides reliable results for through-hole component installation.

Technical Features

Integrated System Zones

- Fluxing Unit
- Preheating Zone
- Solder Wave Application
- Cooling Section
- Conveyor Transport System

Process Capabilities

Automated Transport, Adjustable Wave Parameters, Precision Thermal Profiling

Safety and Design

Enclosure Design

Fully enclosed cabinet with integrated viewing windows for real-time process monitoring.

Application

Primary Application

Through-hole PCB Assembly • High-Volume Production