

Automated Wave Soldering Machine for PCB Assembly

This wave soldering machine automates the soldering of electronic components onto printed circuit boards (PCBs). The machine uses a conveyor system to move PCBs through flux application, preheating, and wave soldering stages.



Product Overview

Automated PCB Wave Soldering System

This automated wave soldering machine is engineered for the high-efficiency assembly of electronic components onto printed circuit boards. It features an integrated conveyor system that ensures precise transport through critical process stages including flux application, preheating, and the main wave soldering phase. Designed for professional production environments, the unit provides comprehensive process monitoring via an integrated computer control system.

Operational Features

Process Workflow

- Flux Application
- Preheating
- Wave Soldering

Interface

Computer Control, Keyboard Input, Process Monitoring

Safety and Maintenance

Safety Systems

- Ventilation and Exhaust System
- Robust Protective Frame
- Transparent Observation Panels