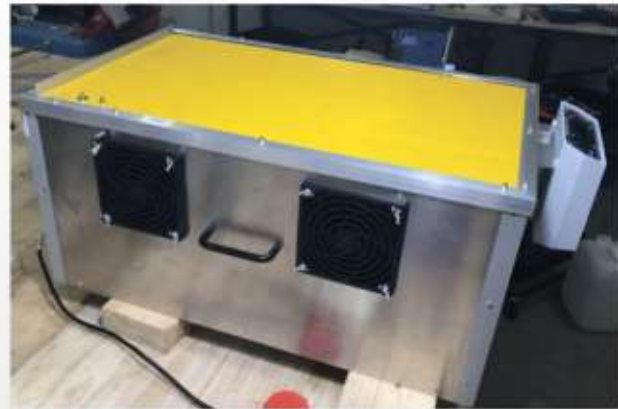
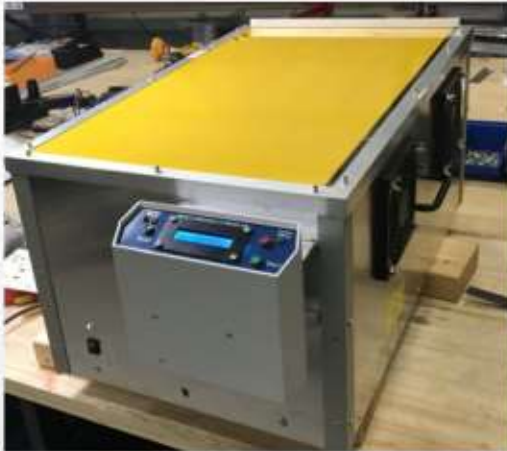


CONDENS-IT PROFILER EXTRACTOR

Condensation Reflow Soldering Machine

Vapor Phase Reflow Soldering Machine for Hobby and Laboratory single pieces up to small quantities



Description

The **CONDENS-IT PROFILER EXTRACTOR** is the **first small Vapor Phase Reflow Soldering machine** with **build in solder fume extractor** and designed for **SAFE** reflow soldering and rework of prototype, single pieces and small quantities PCBA's with board sizes up to 430 x 230 x 40 mm (L x B x H) Components such as QFPs, BGAs, Flip-Chips as well as hybrids are processed defect free with highest quality results.

Solder Fume Extraction is an essential solution for removing the a complex mixture of resin acid particulates (smoke and gases) when the solder flux in the solder paste is heated above 183 ° C during the reflow process and also to extract other fumes such as adhesive fumes, solvent vapors.

Due the small footprint and the build in **FUME EXTRACTION** the **CONDENS-IT PROFILER EXTRACTOR** it may be **used at any place!**

By using a Dual Lock Housing Construction the process chamber will be protected **against unwanted access or removing the LID** when the reflow process is running.

The **CONDENS-IT PROFILER EXTRACTOR** is equipped with **simple manual maintenance-free PCBA handling system**



Maintenance-free PCBA handling system



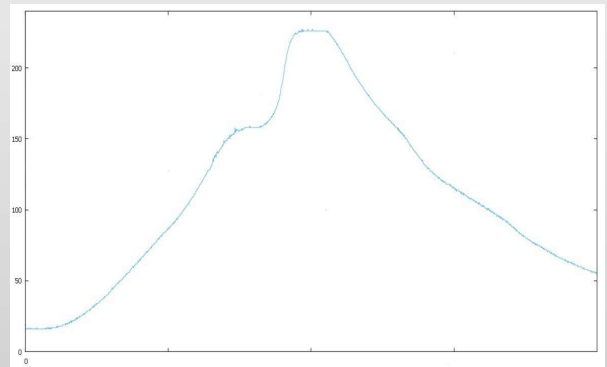
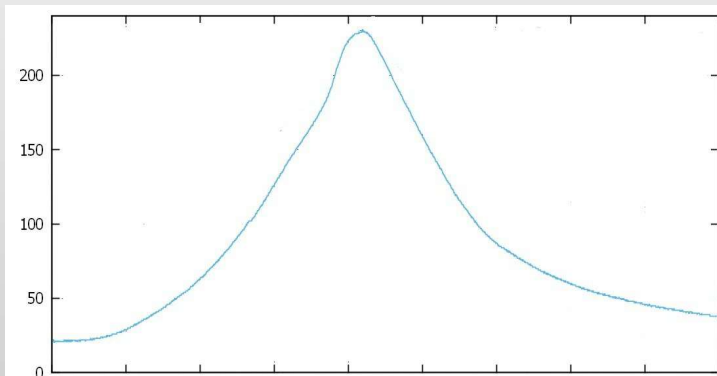
Maintenance-free PCBA handling system

CONDENS-IT PROFILER EXTRACTOR

Features

- Integrated fume extraction filter with active carbon filters
- Table model Top loader
- Forced air cooling
- **Adjustable temperature profiles in the pre-heating zone (CVPRS*)**
- **Adjustable TAL Time Above Liquid**
- **ATS Anti Tomb Stone modus**
- **Micro USB for the transfer of solderprofile data to PC**
- Window to observe the soldering process
- Suitable for BGA's, Stacked Packages
- Oxygen Free Soldering
- Homogeneous temperature transmission on the complete Assembly
- No over heating of components
- Simple manual maintenance-free PCBA handling system
- **Safe Dual Locking Housing Construction*** of the Process Room

***protection against unwanted access to the process room when the reflow process is running.**



CONDENS IT PROFILER EXTRACTOR		Order No.	Price
IMDES Vapor Phase soldering machine CONDENS IT EXTRACTOR , excluding transfer		IMD--PROF-EXCT	€
Medium basic filling Galden LS230 Reflow Fluid for lead free applications Quantity 0,5 Liter = 910 Gram		IMD-GL 230-05GF	
Energy supply (Single Phase + ground)	220-240 Volt / 50-60 Hz		
Power drawn	1250 Watt (ca. 6 A)		
System dimensions.	760 x 410 x 300mm (L x W x H)		
max. solder product format	430 x 230 x 20 mm (L x B x H)		
Standard cycle time	15 Min		
Soldering time	ca. 60 – 90 Seconds		
Process temperature (depends on medium type)	135 up to 240 °C		
Weight	ca. 20 kg		
Cooling	Forced air cooling		
Heat transfer medium	GALDEN with the correct boiling temperature (max. 240 °C) higher Temperature is not possible		
Medium basic filling quantity	ca. 0.5 – 0.8 ml GALDEN		