

MEL SYSTEMS AND SERVICES LTD.

MCR-21EX

CONFORMAL COATING REMOVAL SYSTEM

- ❖ SELECTIVELY STRIP ANY COMPONENT OR AN ENTIRE BOARD
- ❖ NO PCB CONTAMINATION OR DEGRADATION
- ❖ USES SOFT ABRASIVE DIRECTED AT IC PINS
- ❖ NO HARMFUL OR DANGEROUS CHEMICALS
- ❖ SUITABLE FOR ALL TYPES OF COATINGS
- ❖ QUICK, EFFICIENT AND SAFE
- ❖ ESD PROTECTED
- ❖ IONIZED AIR FLOW



**FOR ALL TYPES OF CONFORMAL
COATINGS ON PCB ASSEMBLIES**

COMPLETELY SAFE CONFORMAL COATING REMOVAL SYSTEM

The MELSS MCR is inherently safe, removing all risk of chemical contamination to the Operator and potential problems with long term chemical storage. The unit is a complete self contained workstation, offering no-risk environment for the safe removal of conformal coatings of all kinds.

- No Chemical
- No Clean-up
- No Danger to the Operator
- No Hazardous Chemical Storage
- No Problems with PCB Etching
- No Long Term Component Degradation

The work bay is brightly illuminated with white light and ultra-violet light to easily identify areas still coated. The Operator controls the stripping process via a footswitch. An inboard switch provides clean air to remove dust particles.

FEATURES

- High Impact-resistant acrylic viewing hood with safety cut-out switch.
- Large work area caters for boards upto 300 mm x 800 mm.
- Negative Pressure Lock with Gloved Hand Entry for Fast Access & Exit
- Ultra-violet Light/White Light for quick identification of transparently coated PCBs
- Variable Nozzle Pressure with Clean Air or Media at the Press of a Button
- Powerful Dust Extraction System to Maintain a Cleaner Work Environment
- ESD Protected with Ionized Air Flow

SPECIFICATIONS

- Cutting Pressure : 20-90 PSI (Variable)
- Nozzle : Tapered Stainless Steel 3 mm
- Nozzle Control : Footswitch and Media/Clean-air Switch
- Ionization Process : In-Line self coated auto balancing ionizing cartridge
- Air Input : Requires 8-10 cfm Compressor regulated internally (Clean Dry Air Required)
- Dust Extraction : Self Contained Vacuum Process
- Lighting : White Fluorescent Tube and Ultra-violet Tube (Both protected)
- Power : 240 VAC / 50Hz.
- Dimensions – Exterior : Height 570 mm, Width 873 mm, Depth 630mm
- Work Area : Width 830 mm, Depth 340 mm
- Media Type : Non-Destructive Plastic, Recycleable 20/30, 30/40, 40/60 Mesh Range
- Options : Dessicant In-Line Air Dryer, Operator Antistatic Floor Mat Spares Kit (including 2 fuses, 1 white and 1 UV fluorescent lamp, 1 vacuum bag)

Specifications subject to change without notice.

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