

## BLAST EQUIPMENT

### Usage

The Formula 1200 fitted with an external Pencil Blast pressure pot system is the ideal equipment for the precision blast removal of most hard types of conformal coating such as:

- Polyurethane
- Acrylic
- Epoxy
- Silicone

### Machine

A compact air powered pressure fed blast system fitted with hard metal stylus type nozzles and with foot pedal control.

### Media

Probably the best blast media to use that creates the least ESD ( Electro Static Discharge) risk is plastic.

Aluminium Oxide has excellent cutting potential and natural media (such as walnut shells) work well but can leave a residue that must be cleaned off with a chemically neutral material such as deionised water.

### Specification

Common specification is to have the Pencil Blaster attached to a desk-top Formula 1200 blast cabinet.

### Dust collection & safety

The Formula range of cabinets comes supplied with an F21/F41 dust collector.

This provides efficient dust collection to provide a safe clean working environment and provide clear visibility inside the cabinet whilst blasting.

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# CONFORMAL COATING REMOVAL

## FORMULA 1200 FITTED WITH PENCIL BLASTER

Ultra fine, micro blast system for the selective or complete removal of conformal coatings



### FORMULA F1200

|  |                 |
|--|-----------------|
| Internal blast chamber dimensions (W x D x H) mm | 600 x 460 x 495 |
|--|-----------------|

- **No chemicals**
- **Selectively remove coating from individual components or an entire board**
- **Reusable media**
- **Speedy, efficient and safe for both operator and component**
- **Self-contained, clean, work environment**

Conformal coatings are thin layers of synthetic resins or plastics that are applied to electronic devices for protection against various forms of contamination such as: humidity and moisture, dust and dirt, mechanical shock and vibration.

There are times when these coatings must be removed, either locally or in their entirety because of component failure, redesign, or when components are returned for service or repair.

Microblasting is one of the cheapest, fastest, safest and most effective forms of removing this conformal coating, with little risk to the delicate components, provided basic precautions are taken.\*

\* It is advised that the cabinet is sat on static resistant mat and the cabinet is grounded when working on electrical items.