

DS101 Conformal coating dip system

Overview

Automatic dip coating is one of the most efficient methods for application of conformal coatings and is a perfect method for all volume production whether large or small.

The process of dipping a circuit boards into a conformal coating material contained in a tank ensures complete coverage, including underneath components and around difficult large 3D boards, and there is no over spray or material wastage.

Specification

The DS101 dip system is a precision built, floor standing, conformal coating dip machine for medium to high volume batch processing of printed circuit boards.

Features

- Uses an air over oil pneumatic system to provide precision regulated speed control for repeatable coating thickness
- Automatic dip cycle process provides a smooth immersion and withdrawal rate that minimises air entrapment and ensures an even homogeneous film
- System is suitable for all types of conformal coatings
- Operates completely on compressed air for safe processing of flammable solvents
- Custom tanks, fixtures and options available including temperature and viscosity control



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