

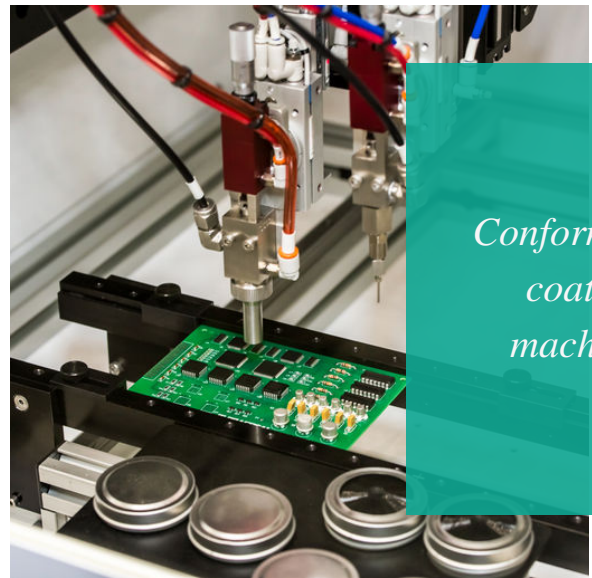


NEWSLETTER

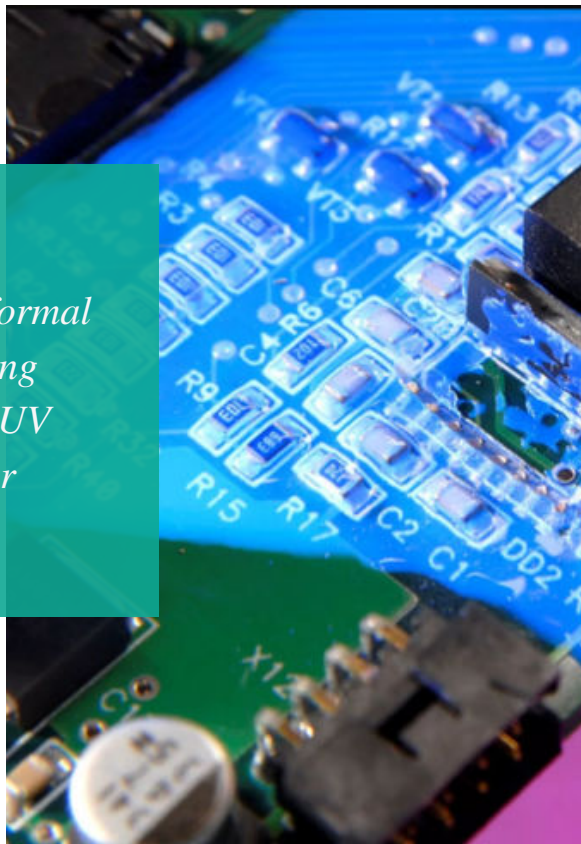
INTRODUCING OUR NEW CONFORMAL COATING MACHINE

WHAT IS A CONFORMAL COATING MACHINE?

At the heart of modern electronics manufacturing lies a specialized marvel: the *conformal coating machine*. A conformal coating machine is a specialized piece of equipment used to apply a thin yet crucial protective layer known as conformal coating onto electronic components and printed circuit boards (PCBs).



Conformal coating machine



Conformal coating with UV tracer

WHY DOES CONFORMAL COATING MATTER?

Conformal coatings act as armour, safeguarding electronic assemblies from environmental factors like moisture, dust, chemicals, and temperature extremes. Imagine a shield that precisely molds to the contours of each component, creating an impenetrable barrier against short circuits, corrosion, and other threats posed by harsh conditions. This shield is typically made from liquid materials such as silicone, urethane, acrylic, or epoxy resins. However, the choice of coating material depends on the specific requirements of the electronics, including the intended operating environment and any regulatory standards that need to be met.