

# ZESTRON® Resin Test

## Area of Application for ZESTRON® Resin Test



The ZESTRON® Resin Test visually and temporarily identifies the local distribution of resin-based residues on electronic assemblies via a color reaction. Critical resin residues, which cause poor adhesion of conformal coatings and delamination effects can be localized during the production and removed by a cleaning step. Thus the critical resin amount of  $<40 \mu\text{g}/\text{cm}^2$  ( $258.06 \mu\text{g}/\text{sq in}$ ) according to J-STD 001 can be met.

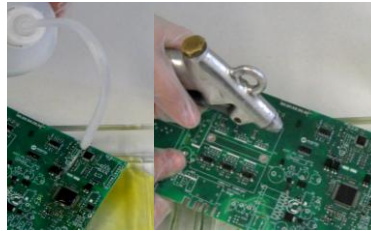
This test complements analytical methods such as Ionic Contamination Measurement (detection of inorganic residues) and the ZESTRON® Flux Test (detection of activators/acids).

## Simple Test Procedure in 3 Steps:

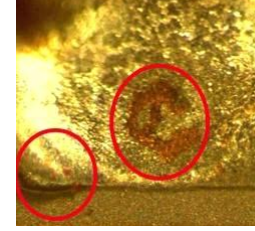
### ① Apply indicator



### ② Rinse / Dry



### ③ Interpretation



## Advantages of ZESTRON® Resin Test Compared to Other Test Methods:

- Localized detection of resin-based contamination on electronic assemblies.
- Quick and easy test method. No extensive training required.
- No specific test equipment needed, which means:
  - no additional floor space requirements
  - no investment costs
  - can be used throughout the facility
- On-site sampling inspection during production.
- Low cost per tested part.

## The ZESTRON® Resin Test Includes the Following Accessories:



- 100 ml ZESTRON® Resin Test Indicator
- DI-water bottle
- Gloves
- Documentation folder with important information on application and interpretation of test results

PRODUCT INFORMATION

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