

ZESTRON® *Resin Test*

Test kit for the indication of resin-based residues on PCB assemblies



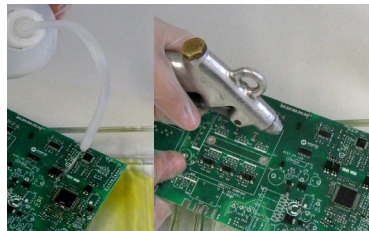
The ZESTRON® Resin Test visually and temporarily identifies the local distribution of resin-based residues on electronic assemblies via a color reaction. Critical resin residues can cause poor adhesion of conformal coatings and delamination effects. Residues can be localized during the production with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

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

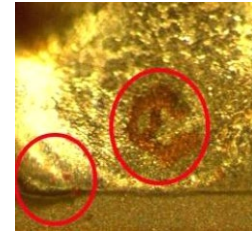
Simple test procedure in 3 steps:



1) Apply indicator



2) Rinse / Dry



3) Interpretation

Advantages of the ZESTRON® Resin Test compared to other methods:

- Very precise concentration measurement: Localized detection of resin-based contamination on electronic assemblies.
- Quick and easy test method that does not require extensive training
- 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:



- 1) 100 ml ZESTRON® Resin Test indicator
- 2) DI-water bottle
- 3) Gloves
- 4) User manual / documentation folder with important information on application and interpretation of the test results (not pictured)

Order information:

| Art.-No. | Article |
|-----------|---|
| 5404-0000 | ZESTRON Resin Test Test-Kit in a case |
| 5405-0100 | ZESTRON Resin Test Refill bottle 1x 100ml Refill in a box |

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For further technical questions about ZESTRON® Resin Test please contact ZESTRON's process engineers:
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