

## XRF Test - To Determine the alloy composition of a component termination

### Is it lead or lead free?

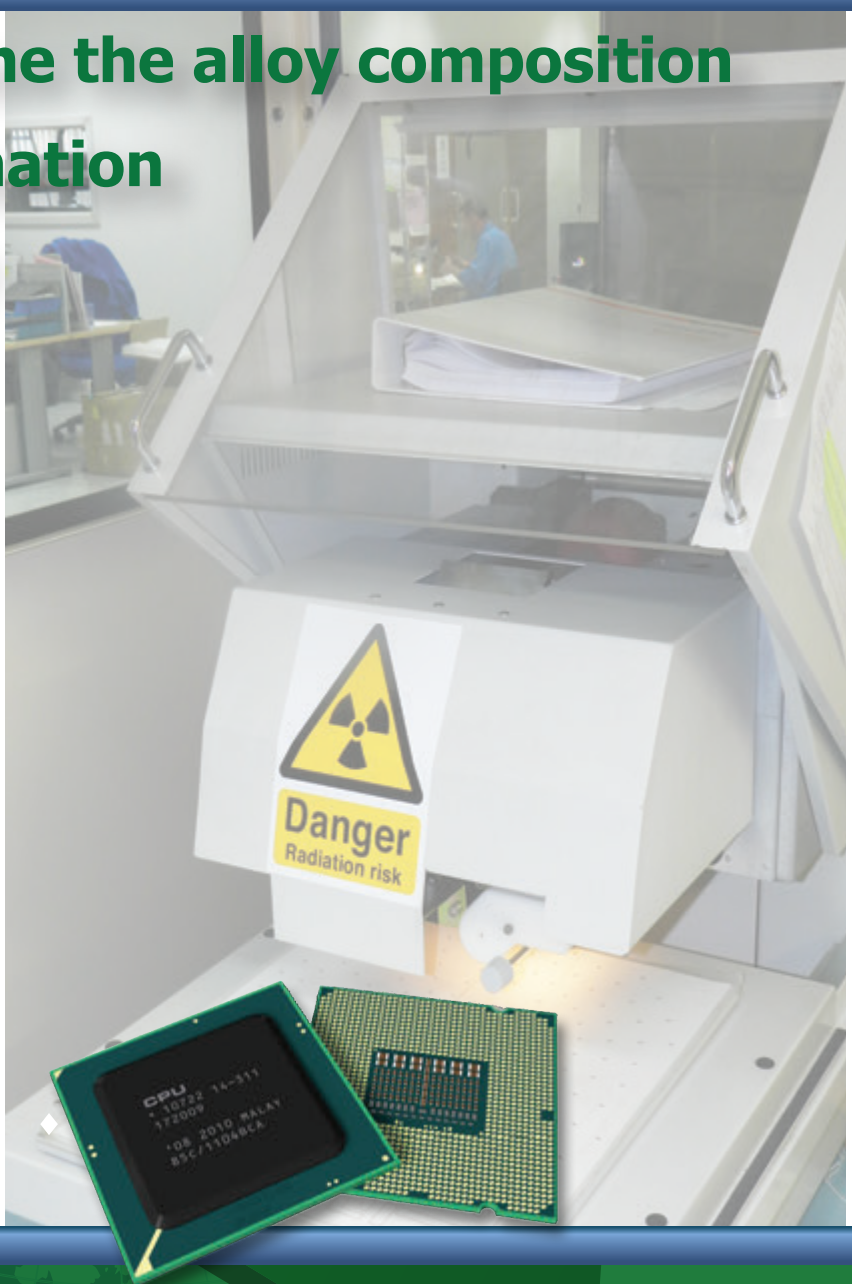
Retronix are considered one of the industry leaders in IC Tests to check faulty, fake or damaged components.

Our XRF Testing/XRF capability enables us, in a non destructive manner, to determine the metal composition of a termination. All devices can be XRF tested, including BGA's & QFP's, TSOP's & Connectors, Capacitors & Resistors

#### Applications Include :

An Aerospace manufacturer wants to buy parts, but can only find them in lead free format, but assembles lead PCB's. We can convert the components to lead alloy, then prove it using an XRF test.

If a broker wants to sell a batch of components to a regular customer but is unsure of the pedigree of the components, and they may be the wrong alloy, we can test then convert if necessary



**FOR MORE INFORMATION PLEASE CONTACT US:**

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# RETRONIX - SOLDERABILITY TEST

Retronix use a solderability test to ensure that parts will not have soldering issues in the assembly process.

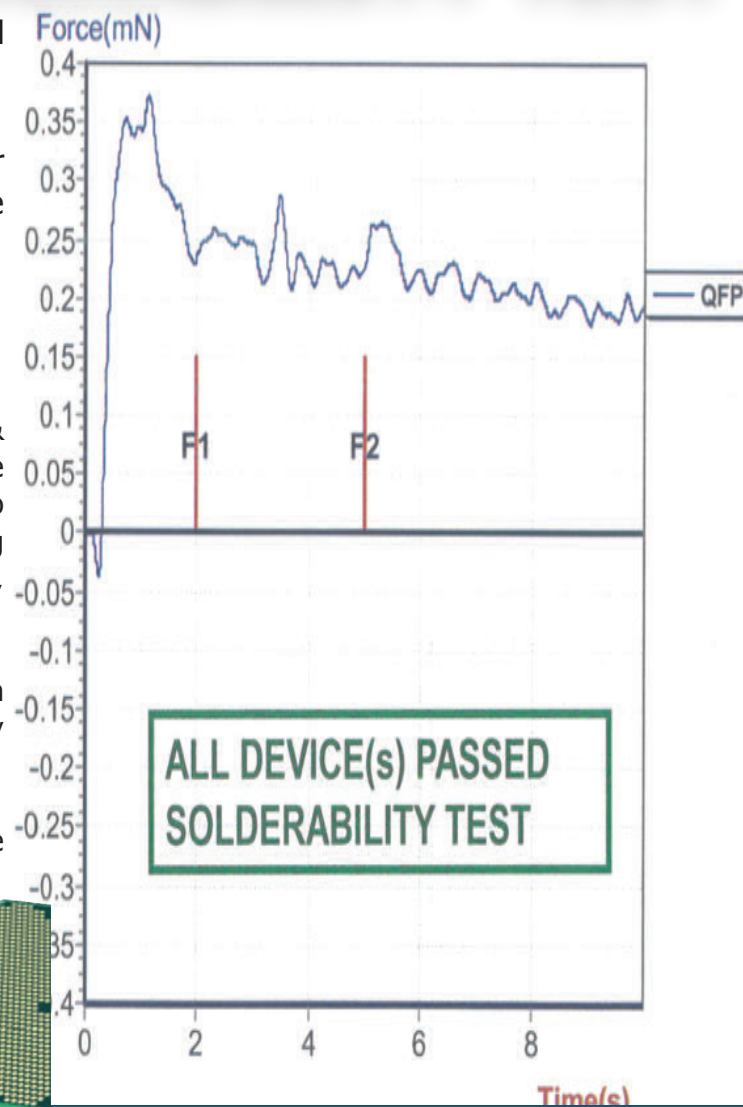
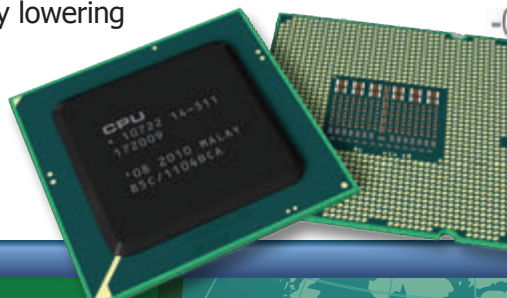
Retronix have a high precision solderability tester for both SMT and through hole components, as well as bare boards.

## Applications Include :

If a company uses small amounts of components at a time, & some components have been on a shelf for a time prior to the next batch being used, Retronix can do a solderability test to see if any have oxidisation issues, which will cause soldering problems. If so, we can eliminate them by refreshing the alloy, in either a manual or fully automated process.

If a broker is selling a batch of components with an unknown pedigree, Retronix can give peace of mind to the buyer by verifying they have no solderability issues.

Eliminate problems associated with oxidisation and improve process quality & yield by lowering defect rates due to solderability issues.



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