



Services Summary

X-RAY FLUOROSCOPY
(XRF)

SOLDERABILITY

ENVIRONMENTAL
CHAMBER T / Rh

COMPONENTS
CONDITIONING / BAKING

VISUAL INSPECTION

PROGRAMMABLE
DEVICES



WORLD QUALITY LEADERSHIP

CUTTING-EDGE METROLOGY



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Product/Service Information



www.dt-labs.com

WEEE RoHS
Solderability
Reliability



About DT Labs

In the midst of recent developments in the fields of lead free soldering and WEEE-RoHS compliance requirements, DT Labs mission is to enhance customer's accessibility to cutting-edge testing and qualification technologies, such as XRF and wetting balance, to address these new sets of regulations and requirements.

Our customers include the world's largest OEM's, EMS', and distributors. DT Labs' dedicated and experienced personnel is committed to delivering reliable and consistent results using current, state-of-the-art equipment and metrological methods.

SERVICES AND ASSAYS LISTING

X-RAY FLUOROSCOPY (XRF) LEAD FREE COMPLIANCE

We offer RoHS/WEEE/Pb-free electronics compliance testing. We also provide alloy grade identification for over 500 known grades.

SOLDERABILITY BOTH LEAD AND LEAD FREE DEVICES

Solderability testing, using a wetting balance, can be performed in accordance with J-STD-002, J-STD-003 and MIL-STD-883 standards for both leaded and lead-free plated through hole components and SMT components (down to 0201 size).

ENVIRONMENTAL CHAMBER T / Rh RELIABILITY TESTING

Able to perform tests and predictions in accordance with the following standards: GR 63-CORE, GR 326-CORE, GR 468-CORE, IEC-60068-2-xx, MIL-STD-810, MIL-HDBK-338, MIL-HDBK-217 & Telcordia SR-332.



COMPONENTS CONDITIONING / BAKING

Components lot can be baked over a temperature range of 95°F/35°C to 400°F/204°C with a temperature uniformity of +/- 2%.

VISUAL INSPECTION

Our inspection system features a continuous magnification from 10x thru 40x stereo microscope coupled with a high resolution digital camera and the use of specialized cutting-edge software for image capture, reporting and archiving.

