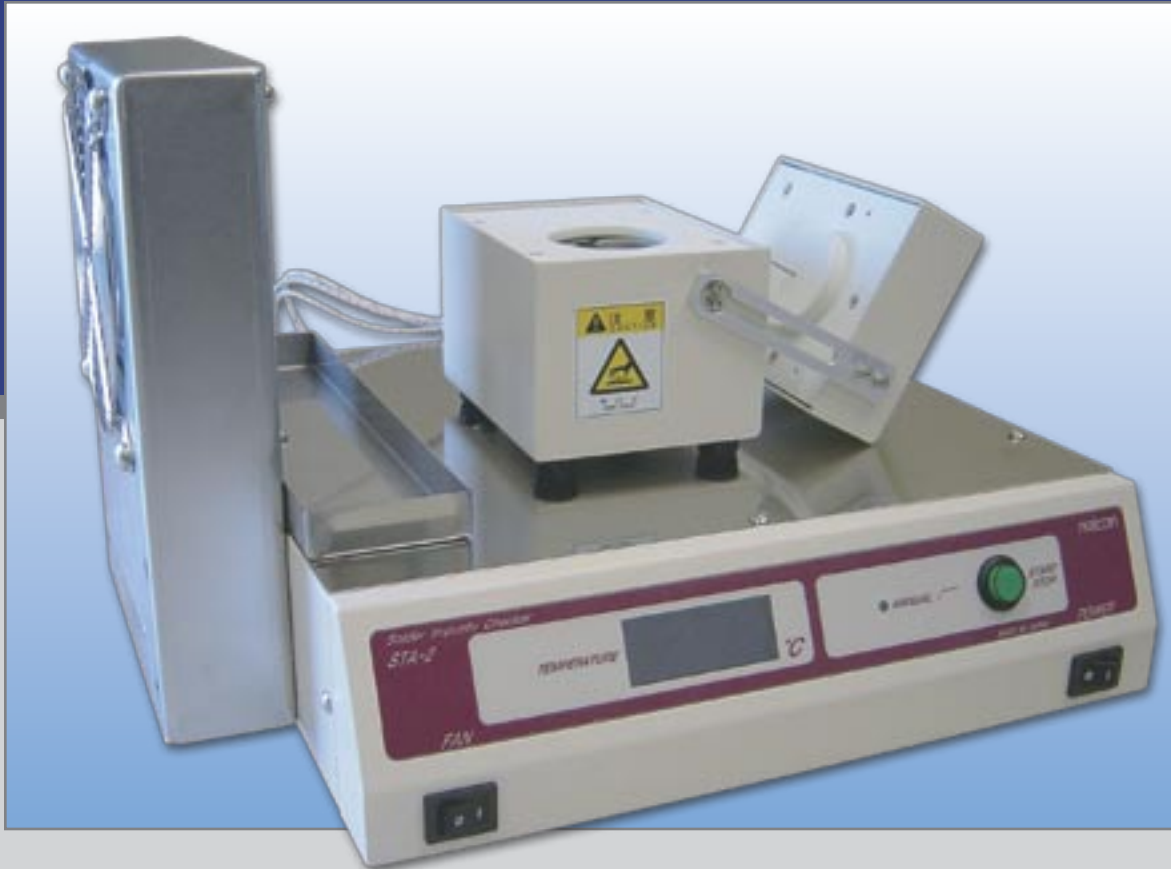


# MALCOM STA-2

SOLDER IMPURITY TESTER

MALCOMTECH  
INTERNATIONAL



QUICK, ACCURATE, & COST EFFICIENT SOLDER  
IMPURTIY TESTING FOR LEAD-FREE APPLICATIONS

# MALCOM STA-2 SOLDER IMPURITY TESTER

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INTERNATIONAL

## MALCOM STA-2: SOLDER IMPURITY TESTER



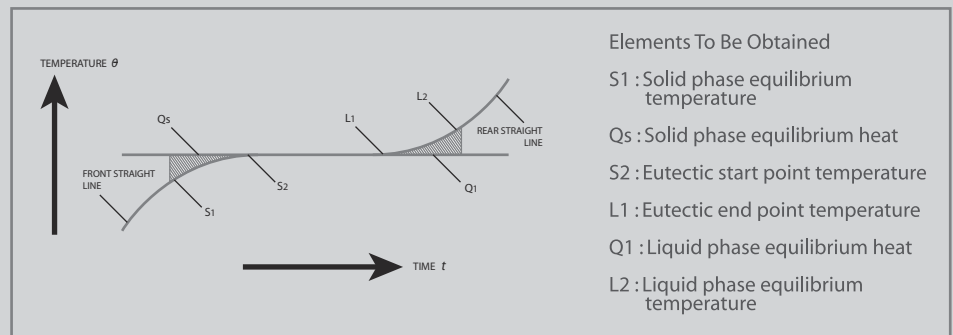
Soldering has begun to turn lead-free. In the case of wave soldering, work is sequentially flown into molten solder. This is so that copper as a PCB pattern material and palladium, silver lead, and other various components employed for the surface treatment of part leads melt into solder pot during wave soldering. Causing the solder composition to change. Because of these changes in composition, it is imperative to constantly monitor the lead and copper content of the solder pot. Previous testing methods have been highly expensive and time consuming, taking up to weeks for an accurate analysis report. Using a small solder sample, Malcom's STA-2 quickly and accurately measures lead and copper content in the solder pot at the soldering site. Testing is done within one hour, with an accuracy of +/- 0.015%, making the STA-2 a highly cost and time efficient solution.

### SPECIAL FEATURES:

- On-site easy measurement of lead and copper content.
  - Pb Range: 0 – 0.2 % or 0 – 0.5 %
  - Cu Range: 0.3 – 0.9 %
- Fast measuring time.
- Small sample measurement.
- Cost efficient.
- Data analysis software included.

### SPECIFICATIONS:

- Temperature rise thermal analysis.
- Automatic PC analysis.
- Sampling amount: approx. 14g
- Measuring time: About 40 min.
- Power supply: AC 100-240V 200W



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