

KS Bonder

Manager: Jerry Drumheller

Work Phone

254-4859

Calls to staff phones will be automatically forwarded to their cell phones during accessible hours. At other times leave a message or send them an email.

Backup:

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Safety

- Work stage will be hot (170°C). Be careful.
- No buddy system restrictions imposed on normal operation.

Process Restrictions

Material Restrictions

- Devices with organic components may not be appropriate on this heated stage.

Parameter Restrictions

- None.

Scheduling / Sign-up Restrictions

Minimum Tool Time: 12 minutes

- None

Requirements (Do Every Time)

- Devices to be bonded must be clean.
- Always wear clean gloves when working with this machine.

Prohibitions (Never Do)

- Do not attempt any machine adjustments which were not covered in training.

Common Problems

Problem:

- Gold wire slipped up and out of the capillary.

Root Cause:

- Ball was not formed on the end of the wire, possibly because the wire end failed to stick to the bonding pad when the tool lifted.

Solution:

- Power time and temperature may need to be adjusted.

Other Comments or Cautions