Wire Bonder

H53 Pull-Tester - INSTRUCTIONS

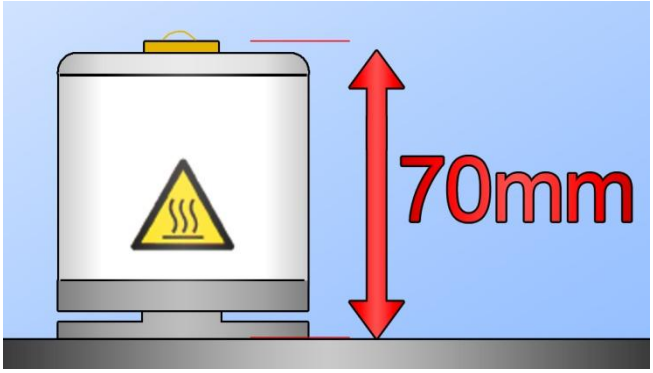
1. Installation of Pull-Tester

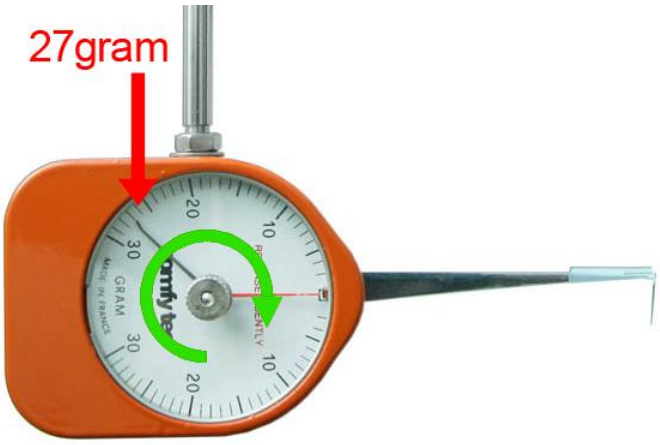
- **Mount the Pull-Tester** like shown on the pictures.
- The **pull-hook** has to be adjusted briefly below the bonding tool.
- **Machine settings**:
  Set Bondtyp to Wedgebond.
  Set Bondmode to manual.
  Set Workheight to 16000.
  Set Substrate height to70mm.

  Alternative in semi auto mode
  Using H52 Dynamic Search Box

2. Operation of Pull Tester with H51manual-Z

- The pull-hook is moved with **H51 manual-Z**.
- Move it **below** your **wire bond**
- Then **move carefully up** until the wire breaks
- Now you can **read the breaking force** at the force gauge. The unit is grams.
- Finally **reset clock** by returning the red pointer back to zero.





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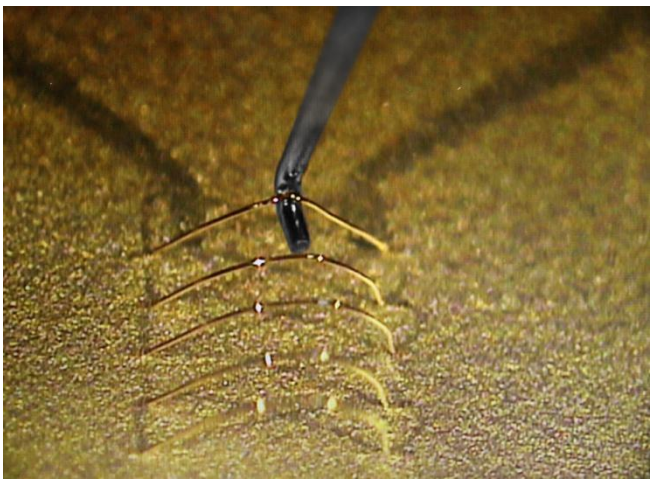
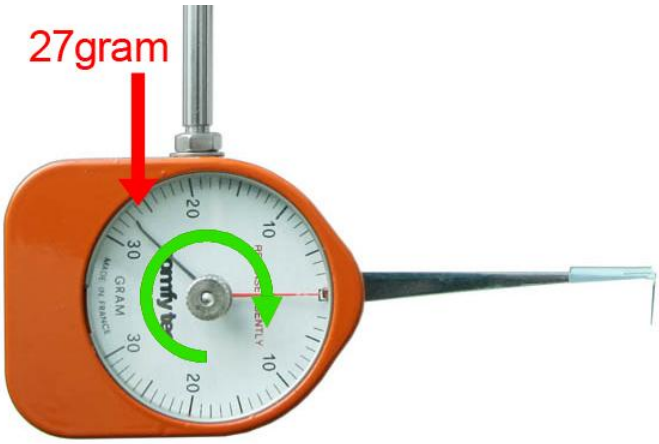
3. Operation of Pull Tester with H52 Dynamic Search

- The pull-hook is moved to Pull Position by press and hold Bond Button.
- with **H52 Dynamic Search** adjust position up and down.
- To Start Pull, press **Red Reset button**
- Bonde head **move up to rest position** adjust rest position with "Work height" button
- Now you can **read the breaking force** at the force gauge. The unit is grams.
- Finally **reset clock** by returning the red pointer back to zero.





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