

# POT-AUTO Automated Pull off Tester

- Automated Strength pull off cap tester



Special hook for ring tab



Testing screen

POT-AUTO Automated Pull off Tester is an automatic testing instrument developed by AT2E for testing the tear and tear off force of pull off caps. Operator only need to install the sample to the clamping unit and hook the ring tab properly, then press start to complete the test. The automated testing process avoids the influence that introduced by manual testing. The auto angle correction unit can automatically correct the horizontal pulling angle to ensure the reliability and reproducibility of the testing data

## Features:

- One-key start, easy to operate
- Automated testing process to avoid the influence of human factors, high reliability
- Higher repeatability
- Settable Pulling angle
- Auto angle correction unit, corrects the horizontal pulling angle automatically
- Integrated PLC control and touch screen
- Auto record and display the peak force and force distance of the tear and tear off force
- RS232 communication port, can receive data via data acquisition software
- Stainless steel frame, sturdy and durable
- Compatible with a variety of samples of different sizes with different spacers



Sample holder with auto angle correction unit

### Technical specifications:

- Force range: 0 - 20.00kgf (0 - 196 N) (Other range by order)
- Sample diameter range:  $\Phi$  50 - 80 mm
- Sample height range: 150 - 275 mm
- Angle correction range:  $\pm 12^\circ$
- Test mode: Peak / PC Link
- Resolution: 0.01 kgf or 0.1 N
- Accuracy:  $\pm 0.5\%$  F.S.
- Units: kgf / Lbf / N
- Data output: RS232, connect mini-printer or software
- Air supply: 5 - 8 bar (73 - 120 psi) clean and stable air supply
- Power supply: 220V AC / 50 Hz (optional 110V AC / 60 Hz)
- Dimensions: 550 x 510 x 890 mm (L x W x H)
- Weight: 85 kg

### Optional:

- Spacers for different sample sizes
- QualiForcePlus software



### Software QualiForcePlus (Optional)