

Screen Flex Test Machine



Model: SR-866

Summary:

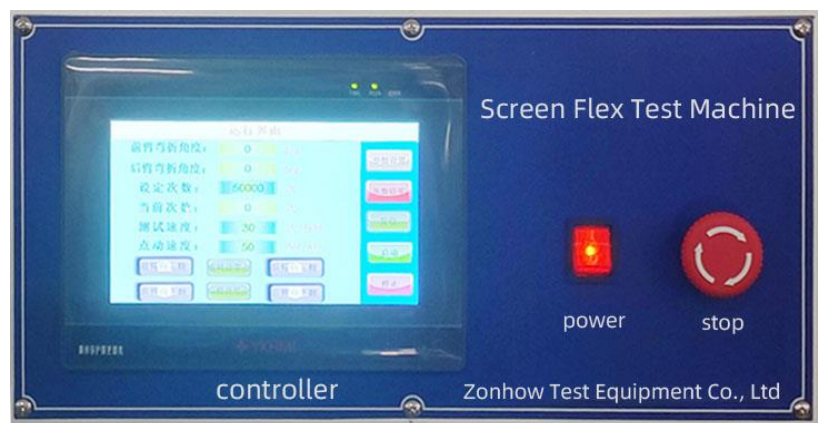
The machine is a non-standard customized model. The machine is controlled by touch screen + PLC program and HKCMC servo motor is used as the driving source. The test can be quite smooth and stable. It can be applied to the bending life test of FPC flexible plate, tape, flexible material, etc. At the same time, this product is suitable for the folding life test of flexible film, flexible screen and OLED screen. The system uses the touch screen to communicate with PLC,

controls the servo motor to drive the synchronous toothed belt, makes the two fixture plates fold repeatedly, and tests the bending of the flexible material fixed on the fixture.

The tester can set the service life of 9999999 times, and the tester can complete the test times automatically. It is a good life testing machine for evaluating the properties of flexible materials.

Feature:

- 1 The bending radius can be adjusted accurately;
- 2 The clamp plate can be folded symmetrically at the same time, or one side of the plate can be folded at one side;
- 3 The equipment is provided with a safety cover to protect the safety of the operator;
- 4 The touch screen can directly input test parameters and display test data;



Fuctions:

- 1 Automatic and manual functions;
- 2 The test speed can be set;
- 3 The bending angle can be set;
- 4 Operation interface (as shown below)

Specifications :

| Item | <u>Screen Flex Testing</u> |
|------------------------------------|--|
| Bending radius | R1mm - R10mm (optional) |
| Bending angel | 0-180° |
| Test speed | 5-60 times/min, adjustable, The current test speed is displayed on the touch screen |
| Test sample dimension | ≤200mm (Clamping width) ≤200mm(bending direction) |
| Parallelism accuracy after folding | <0.1mm |
| Counter | 0-999999 |
| PLC controller | Touch screen setting and display |
| weight | 50Kg |
| Machine size | 820×760×650mm |
| Power | AC220V ± 10% 50Hz |

More Imagines:





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- ❖ Inner packing: With careful stretch film wrap products, hard wood board + strong bandage to fix corners.
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What we produce? (always accept customize)

- | | | |
|------------------------------|--------------------------|--------------------------------|
| 1. Universal tensile testers | 2. Hardness testers | 3. Environmental chambers |
| 4. Mobile/Laptop testers | 5. Paper&package testers | 6. Abrasion resistance testers |
| 7. Insertion force tester | 8. Color testers | 9. Rubber/plastic testers |
| 10. Fabric testers | 11. Wire testers | 12. Other testers |