



QC-H45A2 Universal Material Testing Machine

1. Introduction

This series is for testing with capacity of 50kN. Due to the weight and security, we designed it to be floor-standing. Apply to medium capacity test such as metal, needle grips, construction...etc.

We use the newest concepts of design and manufacture skills. The structure has high rigidity, the looseness of transmission energy is tiny, low usage of electric current, no need for particular electric current, the testing is accurate, simple to use, strong extension, the best choice for material testing.

2. Specification

Capacity	50kN(5,000kgf)
Stroke	1,000mm(excludes grips)
Space	420mm
Strength Resolution	1/10,000
Stroke Resolution	0.005mm
Motor	Servo motor
Transmission	Ball screw transmission
Speed	0.5~500mm/min
Data acquisition rate	Max. 500Hz
Transducer port	2 set
Dimension	88x58x193(H)cm
Weight	356kg
Power Supply	Single, 200~240VAC, 5A
Screen/Display	No
Software	Standard



3. Analysis Software

1. For the tensile, compression, flexure, peeling, fatigue, creep test...etc.
2. We offer length, loading, stress, time and other 10 more metric and imperial systems for users.
3. Protection of loading, displacement...etc.
4. Curve set is flexible; several curves could be compared at the same time.
5. With built-in more than one hundred of calculation includes tensile peeling, tear, strength, displacement modes. If necessary, we can offer more.
6. The data table can set the column item up by itself, so does the items' name.
7. The testing conditions have access function.
8. Includes the function of simple calculation and analysis.
9. Compatible with Microsoft OS: Win XP, Vista, Win 7.

4. Computer Specification(optional)

1. Dual core Processor, more than 1GB memory; saving media: multi-CD-ROM drive, more than 250 GB hard drive.
2. 22"TFT (1024*768), keyboard, mouse.
3. System: Microsoft OS Win 7.