

## LAW-G 600KN 1000KN Computer Control Steel Strand Tension Testing Machine



### Application

Computer Control Steel Strand Tension Testing Machine is mainly used in the tensile mechanical properties test of the steel strand wire test. Widely used in space flight and aviation, petrochemical industry, mechanical manufacture, plastic, rubber, ceramic, building materials, metal material, constructional engineering and university and college, mining industry, research institution and other fields.

### Product description :

Load meets or exceeds the following standards: ASTM E4, ISO7500-1, EN 10002-2, BS1610, DIN 51221.

Strain measurement meets or exceeds the following standards: ASTM E83, ISO 9513, BS 3846 and EN 1000

### Specifications

| Model         | HST LAW-600G | HST LAW-1000G | HST LAW-1200G |
|---------------|--------------|---------------|---------------|
| Max. Load(kN) | 600          | 1000          | 1200          |

|                               |                                           |                           |                             |
|-------------------------------|-------------------------------------------|---------------------------|-----------------------------|
| Structure                     | Four Columns Two Ball Screws              |                           |                             |
| Load Accuracy                 | $\leq \pm 0.5\%$                          |                           |                             |
| Load Range                    | 1% ~ 100%                                 |                           |                             |
| Load Resolution               | 1/500000                                  |                           |                             |
| Deformation Measurement Range | 2%~100%FS                                 |                           |                             |
| Displacement Resolution       | 0.01mm                                    |                           |                             |
| Max. Tension Test Space(mm)   | 1350                                      | 1350                      | 1350                        |
| Column Effective Spacing(mm)  | 580                                       | 580                       | 610                         |
| Max. Piston Stroke(mm)        | 250                                       |                           |                             |
| Clamping Method               | Hydraulic Automatic Clamp                 |                           |                             |
| Specimen sizes (mm)           | 1*7, $\Phi 9.5-\phi 21.6$                 | 1*7, $\Phi 9.5-\phi 21.6$ | 1*19, $\Phi 12.7-\phi 28.6$ |
| Compression Plate Size        | $\Phi 160\text{mm}$                       |                           |                             |
| Power Supply                  | 3-phase, AC380V, 50Hz (Can Be Customized) |                           |                             |

### HST GROUP Co., LTD.

Jinan Hensgrand Instrument Co., Ltd.  
 NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.  
 Phone/WhatsApp: +86-159 1008 1986  
[www.hssdgroup.com](http://www.hssdgroup.com) - e-mail: [admin@hssdtest.com](mailto:admin@hssdtest.com)