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## HST-A1 Series Computer Controlled Mechanical High Temperature Durable Creep Test Machine

### Product description:

A pplication This creep test machine is applicable to the field of quality measurement, aerospace, iron and steel metallurgy, machinery manufacturing, electronic appliances, automobile production, civ



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PRODUCT DETAILS    PRODUCT VIDEO

**Application**

This creep test machine is applicable to the field of quality measurement, aerospace, iron and steel metallurgy, machinery manufacturing, electronic appliances, automobile production, civilian nuclear energy, civil aviation, universities, research institutes, commodity inspection, arbitration and other industries.

**Standard**

- 1 JB/T9373-1999 tensile creep test machine technology specifications
- 2 JJG276 high temperature creep and durable test machine
- 3 GB/2611-92 test machine common technical specifications
- 4 GB/T16825.2-2001 tensile creep test machine loading force measurement
- 5 GB/T2039-1997 metal tensile creep and durable test method
- 6 HB5151-1996 metal high temperature tensile creep test method
- 7 HB5150-1996 metal high temperature tensile durable test method

**Specifications**

| specifications                                   | parameters   |           |            |           |
|--|--|-----------|------------|-----------|
| <b>Main Host</b>                                 |  |           |            |           |
| Model  | HST304-A1  | HST504-A1 | HST804-A1  | HST105-A1 |
| <b>Max. Load force</b>                           | 30kN   | 50kN      | 80kN       | 100kN     |
| Min Load force                                   | 300N   | 500N      | 800N       | 1000N     |
| Test force accuracy                              | ≤1%  |           |            |           |
| Min weights                                      | 1N   |           |            |           |
| Leveling way                                     | Auto-balancing, leveling precision, good reliability, good stability   |           |            |           |
| Automatic level range                            | ±0.1mm ( specimen deformation)   |           |            |           |
| Mechanical level class                           | 1 class  |           | 2 class    |           |
| Level Ration                                     | 1:100  |           | 1:50 1:100 |           |
| Lower pull rod speed                             | Low speed 2mm/min , quick speed 50mm/min   |           |            |           |
| Level leveling speed                             | 2mm/min  |           |            |           |
| Lower pull rod piston                            | 0-250mm  |           |            |           |
| upper and lower chuck eccentricity               | ≤12%   |           |            |           |
| Load Monitoring System                           | It can be monitored when loading force is applied to the value of the specimen to prevent the loading weight more or less than the set value                                     |           |            |           |
| Load monitoring measurement range                | 1%-100%FS  |           |            |           |
| Load monitoring showed the relative change value | ±1%  |           |            |           |
| Manual unloading mechanism                       | It is provided with a manual adjustment mechanism, unexpected power failure, can be used to uninstall it, can effectively protect the safety of the machine and test samples in. |           |            |           |
| Timing error                                     | ±0.1%  |           |            |           |
| Host power                                       | 380V±10% ; 50Hz  |           |            |           |
| Host power                                       | 1kW  | 1.5kW     | 1.5kW      | 1.5kW     |