



Email : sales@scilabexport.com

Phone: +91-7082934803

Product Name :

Electronic Spring Tension Machine

Product Code :

SLE/MCE/17



Website: <https://www.scilabexport.com>, **Email:** sales@scilabexport.com

1226/1-5, Bengali Mohalla, Science Market | 133001, Harvana



Email : sales@scilabexport.com

Phone: +91-7082934803

Description :

Main Features:

- Automatically clearing: test force, displacement, according to the needs to be cleared at any time.
- Automatic shifting: automatic switching the appropriate range to ensure accuracy load.
- Description:
- Automatic calibration: system can automatically realize the accuracy of the calibration value
- Control method: You can achieve a variety of control method, test force, test speed, displacement, etc.
- Setting the spring remaining height of the spring, detect the spring test force P.
- Setting max10 detection points.
- Can set the pre-compression height of the pre-compressed spring, the number of pre-compression can be arbitrarily set.
- The deformation caused by the sensor and stiffness of the machine does not affect the accuracy of displacement.
- The detection of the spring deformation is in contact with the work pressure plate shall prevail, then the test The deformation caused by the sensor can be compensated.

Technical Specification:

- **Max test force(N):** 10kN, 20kN, 30kN, 50kN, 100kN, 200kN, 300kN
- **Speed error:** $\pm 1\%$
- **Test accuracy:** 1 class
- **Structure:** Four columns floor type
- **Control method:** automatic control
- **Test force value relative error:** $\pm 1\%$
- **Displacement value relative error:** $\pm 1\%$
- **Power supply:** AC220V $\pm 10\%$, 50Hz
- **Speed adjust range:** 0.05-300mm/min
- **Effective tensile space:** 800
- **Effective compression space:** 700
- **Pressure plate size:** 400, 500, 550
- **Pressure plate diameter:** 110mm
- **Displacement resolution:** 0.01mm
- **Deformation value relative error:** $\pm(50+0.15L)\mu\text{m}$

Contact Science Lab for your Educational School Science Lab Equipments. We are best school lab equipment supplier, school lab equipments, school lab equipments export, school lab equipments exporter, school lab equipments manufacturers, school lab equipments manufacturers in india.

Website: <https://www.scilabexport.com>, **Email:** sales@scilabexport.com

1226/1-5, Bengali Mohalla, Science Market | 133001, Harvana