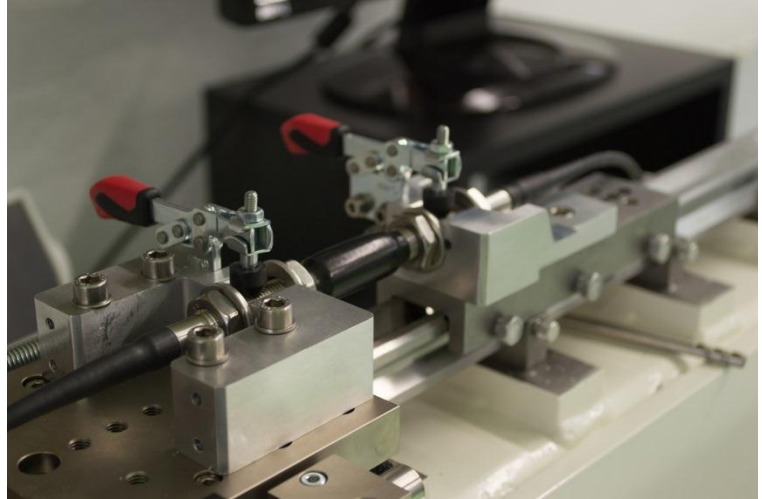


## Strain Sensor Calibration Bench

The calibration bench is a revolutionary device intended for extremely accurate calibration and verification of any type of strain or displacement sensors. The device is offering repeatable measurements over wide traveling range and thus providing necessary outputs about the sensor quality.



### Benefits

- Universal mounting system
- Exchangeable holders
- Anti-vibration legs
- Low temperature expansion
- Automated system of measurement

### Performance parameters

Anchoring length	up to 2m
Maximum applied force	250N
Travelling range	50mm
Positioning accuracy	< 3 $\mu$ m
Positioning precision	$\pm 0,2\mu$ m
Position reading accuracy <sup>1)</sup>	< 0.02% FS (full scale range)
Position reading precision <sup>1)</sup>	$\pm 0.005\%$ FS (full scale range)
Operating Temperature range	-10°C to +40°C
Temperature reading accuracy	< 0.5K

<sup>1)</sup> Verified by Trescal Ltd, certificate of calibration nr. 1537589501S