

## ASYMMETRICAL BENDING STUDY UNIT



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### Experimental capabilities

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- Study of different profiles subject to asymmetrical bending
- Measure the main deviation (vertical) and induced deviation (secondary)
- Parallel between theoretical and practical behavior

# SFT700



## Operating principle

The SFT 700 unit allows to study the behavior of profiles subjected to bending in a different plane of symmetry plane

Adjustable angular position

Variable loading

Measurement of vertical and radial displacement under vertical load

Different forms of samples provided

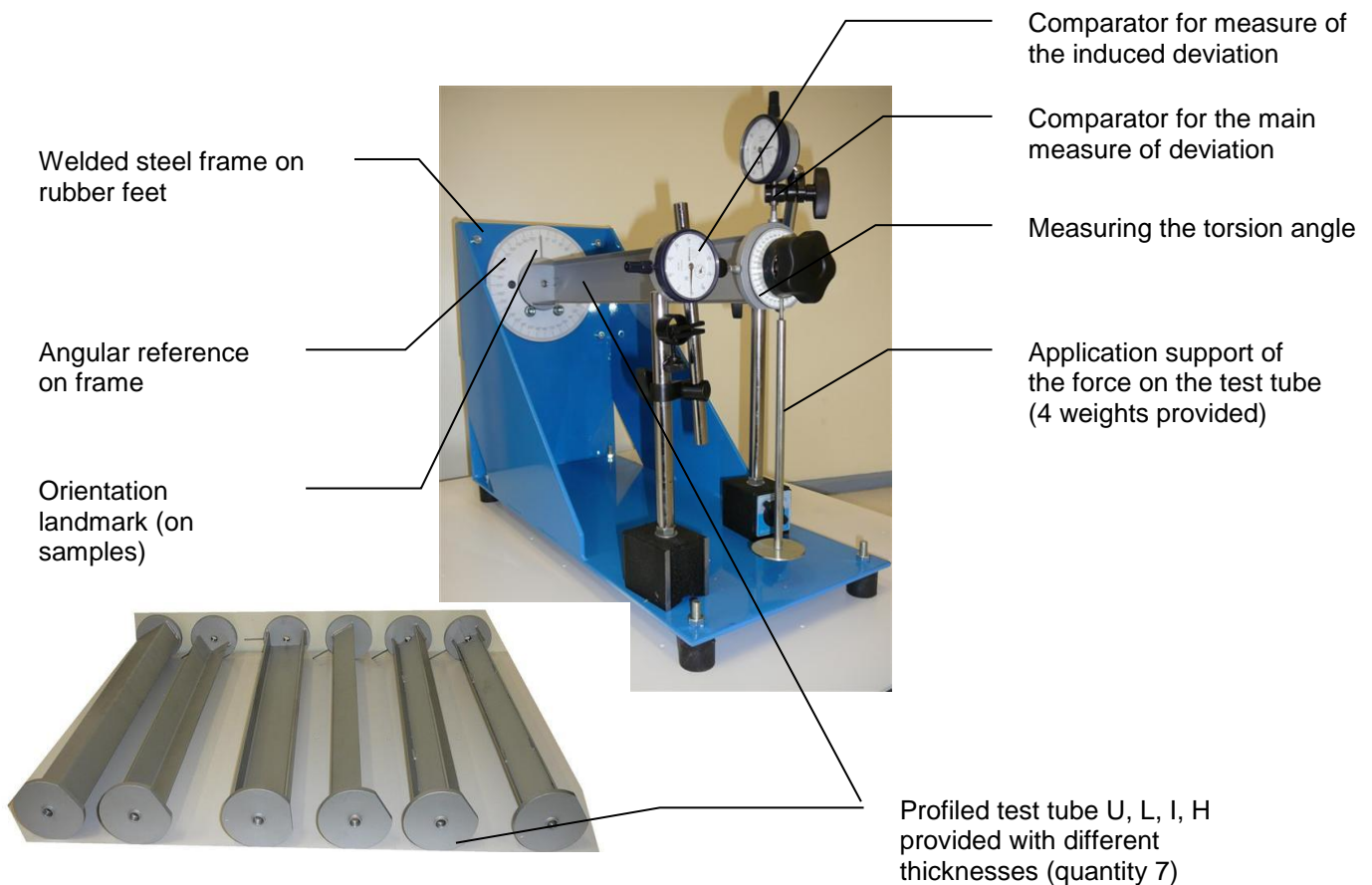
The robust design of this device makes it suitable for use in schools.

The equipment is set up on an Anodized aluminium frame on casters wheels. This gives it great strength and a flexibility of integration in premises.

The manufacture of this equipment complies with the European standard for machinery manufacturing.

## Illustrations

## Technical details



### Structure :

- **In steel** mechanically welded painted
- 4 rubber **feet**
- 1 **angular reference disk**

### samples:

- **7 test tubes provided in steel / various profiles**
- **Lobe screw fixation on chassis**
- **Orientation landmark** (needle)
- Fixation for load application support and device for **measuring torsional angle** by knurled screws

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As part of the continuous improvement of our products, this technical specification may be modified without previous notifying

# SFT700



## measure :

- **Orientation of the samples** measured by **marking** on samples / angular **reference** on chassis
- **Torsion angle** measured by device fixed to the end of the sample
- **2 dials** fitted on magnetic feet for main deviation measurement and induced deviation

## Other :

- **4 weights provided**

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## Services required

- Dimensions: (LxWxH mm): 570 x 250 x 415
- weight (Kg): 20

Note : if the equipment installation is operated by our staff, all supplies and exhaust connections required must stand at less than 2m from the machine

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## Documentation

- User's manual
- Technical documentation of the components
- Certificate of conformity CE