

# BENDING STIFFNESS



## Method description

The PTA-Line bending stiffness test device consists of a punch mechanism, a transport unit and a fully-fledged bending stiffness test device that is integrated in the lower part of the testing system. High grade materials and precision processing guarantee the highest measurement accuracy. In the PTA-Line bending stiffness test device, the sample is stamped automatically and automatically placed by a transport mechanism in the fully-fledged testing device (*single devices, see page 90*) in the lower part of the testing system, and measured there. There is therefore no requirement for correction or adjustment, as the actual test is carried out by the standards-compliant device.



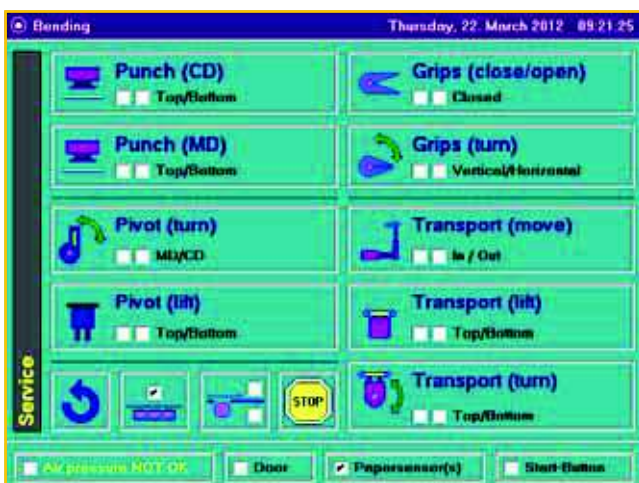
Fully-fledged bending stiffness tester integrated in the lower part

## Test description

The sample to be tested is placed in the measurement area. It is created in one of two formats, according to test type, by an automatic punch, and moved to the lower part of the device automatically by a transport mechanism. The fully-fledged bending stiffness test device integrated there carries out the test automatically and processes the measurement data. After a successful test, the destroyed sample is automatically thrown into a refuse container.

## Specifications

- ✓ Easy operation via the integrated touch screen
- ✓ Angular speed: 0,5 – 50 °/sec adjustable
- ✓ Three Measurement points and dwell time individually adjustable
- ✓ Bend angle: 0 – 92°
- ✓ Pneumatic sample punch and clamping
- ✓ Special vibration dampers
- ✓ FRANK-PTI standard-ports (*see page 12*)
- ✓ Compatible with ProbeNet (*see pages 254 – 257*)



Service interface of the transportation robot

## Applicable standards

- › ISO 2493
- › DIN 53121
- › TAPPI T556
- › SCAN P29

etc.

For more information see page 90.