



## Product Information

# Creep bending test device

for cardboard under weight-loading in a climate chamber





#### Fields of application:

The device is used for the quantitative determination of the long-term shrinkage behaviour of leather samples.

Up to 10 samples can be measured simultaneously, distributed over

- 5 test positions for loading the specimens with 50N due to the constant dead weight of the lower clamping and recording of the change in length
- 5 test positions for clamping the specimens with constant length and recording the shrinkage forces

The design of the testing device is based on the already supplied testing device 41-027-100 including the extension to 10 test stations, whereby the complete sensor technology (load cells, displacement sensors) and measured value

acquisition is not included. The necessary adjustments must be clarified in the case of an order; we require the data sheets or dimensional drawings of the sensors provided by you.

The load unit is suitable for use in a climatic chamber. The scope of delivery includes guides which are permanently mounted in the chamber. The adaptations to the dimensions of a climatic chamber comparable to those used up to now are included.

To remove the device from the climatic chamber, a carriage is provided, which is aligned with the guides of the climatic chamber by means of centering, thus enabling the device to be moved out effortlessly. This simplifies sample changing or frees the chamber for other purposes.