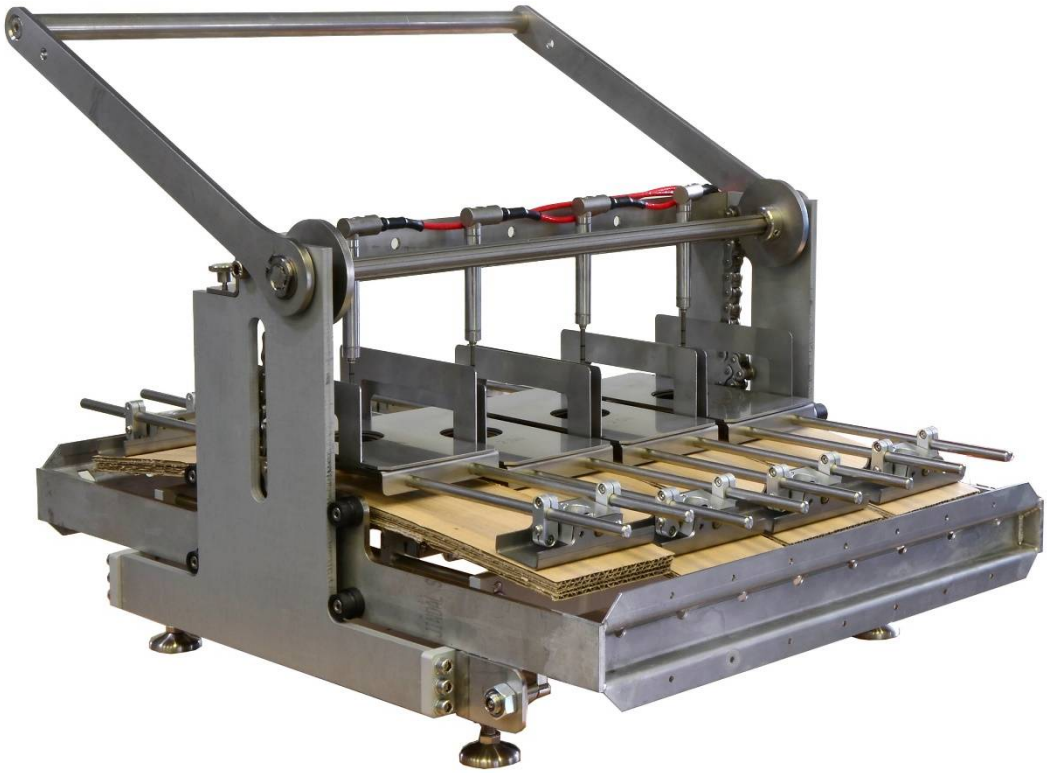
Hegewald & Peschke
Meß- und Prüftechnik GmbH

Product Information

Creep bending test device for cardboard

under weight-loading in a climate chamber



zertifiziert nach DIN EN ISO 9001
TÜV CERT
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Application:

The device for the creep bending test in a climate chamber is intended for the testing of corrugated cardboard under climatic influence and loading by weights.
The device can also be used as a tabletop unit outside of a climate chamber.

Characteristics and mechanical design:

The device provides 4 spaces for the 4-point-bending test.
The stroke is received by digital travel sensors and submitted to an evaluation software.
The loading is carried out by weights.

Construction of the weight apparatus:

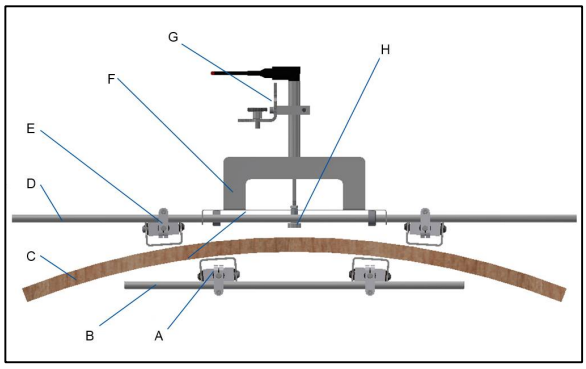

Fig. 1: side view test station

A	pressure piece at the bottom
B	lower pressure piece adaption
C	specimen
D	upper pressure piece adaption
E	pressure piece on the top
F	weight basket
G	carrier angle with measuring sensors
H	support of the measuring sensor

Technical data:

maximum permitted test load per test station	157.5 N
maximum measuring stroke of the linear sensor	20mm
accuracy of the linear sensor	class 1 acc. to DIN EN ISO 9513
resolution of the linear sensor	1µm
dimensions (W x D x H) max. hight when weight lever is up	510 x 600 x 350 [mm] 660mm
max. specimen dimensions (L x W x H)	550 x 100 x 15 [mm]

Included accessories:

bearing: pressure piece for bending test, NI (mounted permanently, 4x per test station)
bending probe: inductive linear sensor 20 mm, ht-version (150°C), 80mV/V, 3m+ TEDS-modul, mounted in the plug)

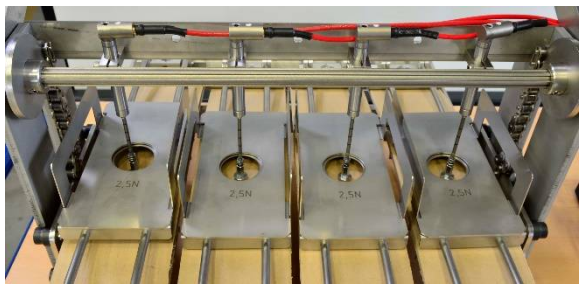

Fig. 2: detailed view pressure pieces and measuring sensors

Your contact person: