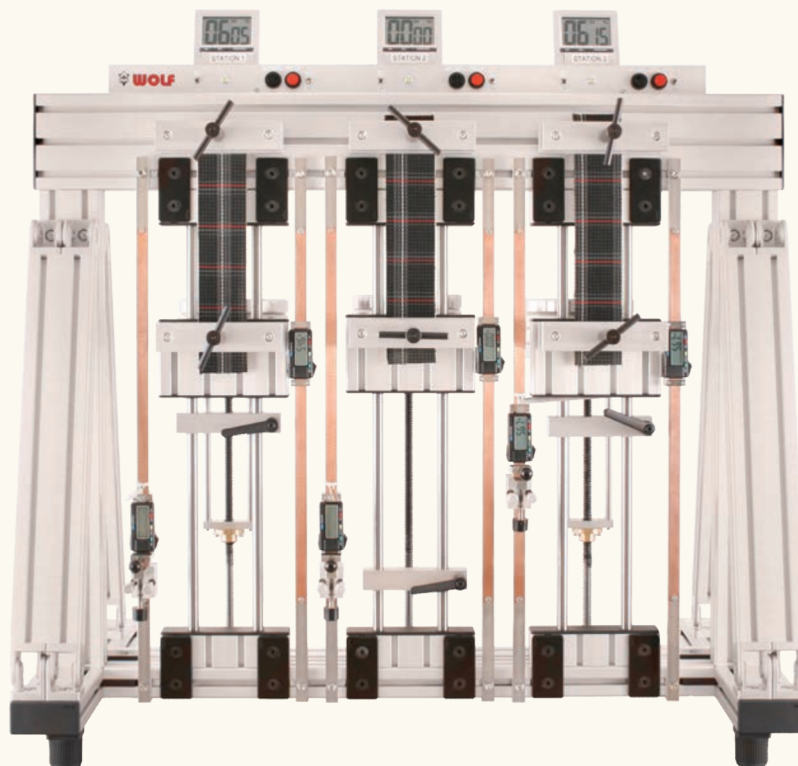


Our universal strain measurement apparatus UDG was developed in cooperation with leading German automotive manufacturers and the Saxon Textile Research Institute (STFI e. V. Chemnitz, Germany). The static strain as well as the constant strain of non-metallic fabrics are determined. The samples are loaded with constant force and an adjustable timer acoustically indicates the end of the testing time. There is a levelling possibility in order to align the device precisely.

Both designs have several test stations which can be operated completely independently from each other and with different adjustments – also simultaneously. Our UDG 6 has 6 test stations, while the UDG 3 has 3 test stations. Apart from that, they are identical in function.

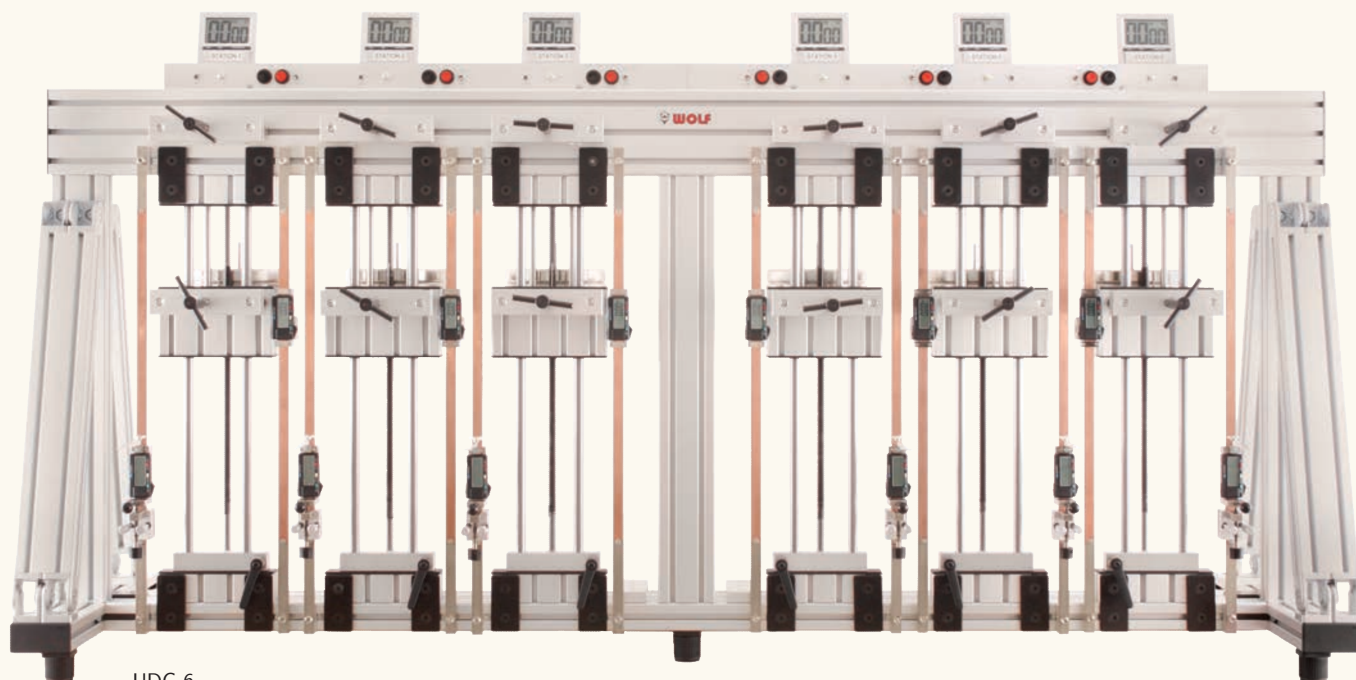
Our UDG are the reference testing devices according to the VW central norm PV 3909!

UDG 3



UDG 3 equipped with samples (clamping length 200 mm), station 1 and 3 are in service. In the image, both measurement modules are active in order to simultaneously determine the static and the constant strain at station 3.

UDG 6



UDG 6

Possible clamping lengths	100 mm & 200 mm (switchable)
Maximal strain	up to 100 %
Measurement values	static & constant strain (separate measurement modules), optionally in mm or inch, digital display, scaling 0.01 mm
Measurement force per test station	25 N, can be increased up to 50, 75, 100 and 125 N by means of the delivered weights
Movement of the load levels	step motor
Lowering speed	100 mm/min
Number of test stations	6 (UDG 6) 3 (UDG 3)
Test stations are usable independently?	yes
Width × depth × height	1.75 × 0.51 × 0.91 m (UDG 6) 0.96 × 0.51 × 0.91 m (UDG 3)