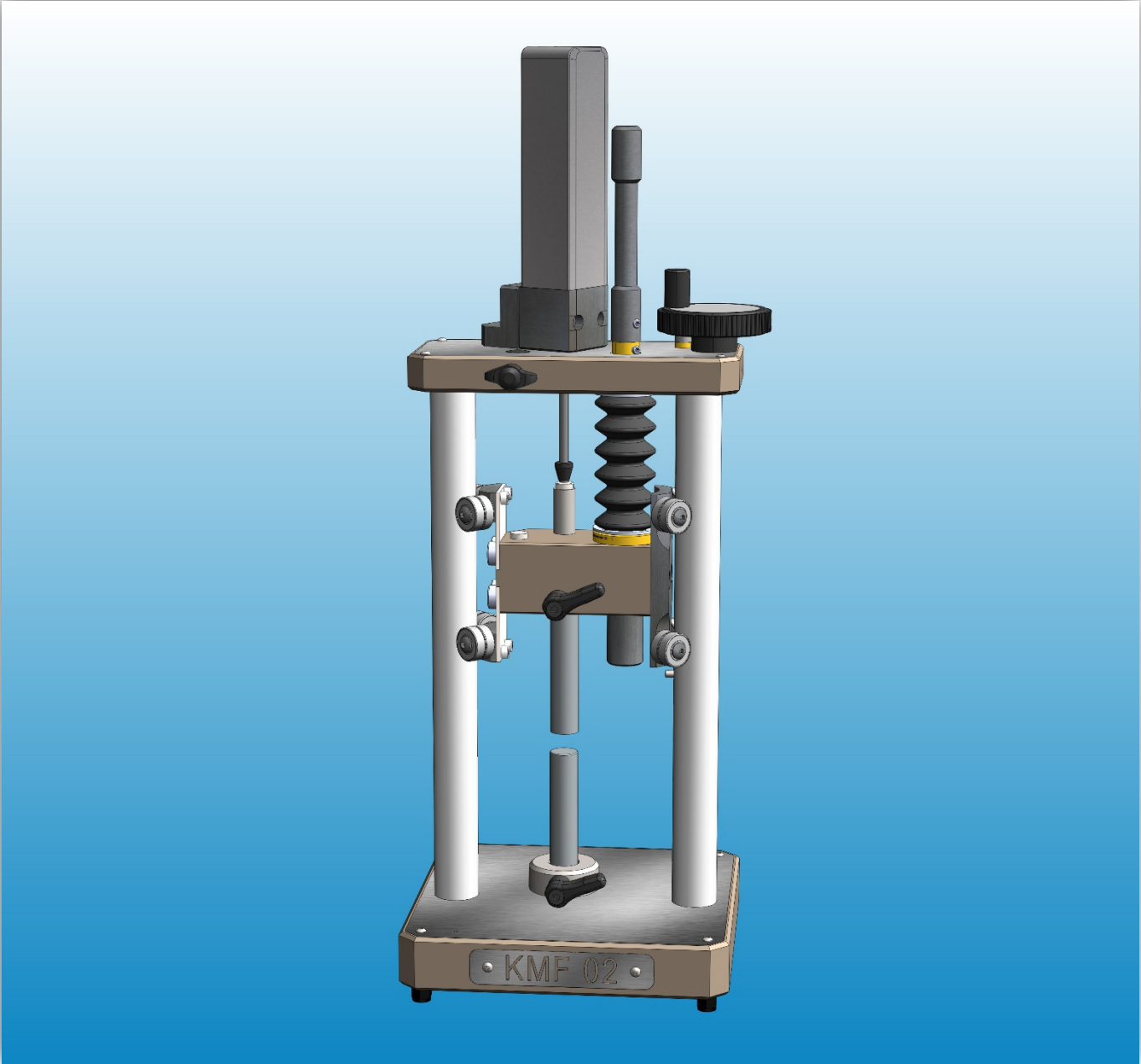


Technical Data		KMF 02
Gauge system	CT6002	MT60K
Accuracy class DIN EN ISO 9513	0.2	0.5
Stroke	60 mm	
Overrun	0,5 mm	
Display steps	0,01 µm	
Measuring pins diameter	16 mm	
Measured value display	ND 280	
Weight	16 Kg	



KMF 02

Calibrator to check the linearity of
extensometers



M e s s - & F e i n w e r k t e c h n i k G m b H



L ä n g e n ä n d e r u n g s m e s s u n g m i t P r ä z i s i o n

Area of application

The universal design of the KMF 0.2 allows to test the linearity of a variety of extensometers with highest accuracy easily and rapidly, as also to calibrate amplifiers with respect to the rated stroke of extensometers. The calibrator has two removable measuring pins, to which different extensometers can be clamped, e.g. the MFA, MFL or others. In addition, a testing space with a reduction piece and a caliper tip and loose anchor is provided for e.g. LVDTs, potentiometric detectors and dial gauges, etc.. The measurement accuracy depends of the gauge system the class 0.2 or 0.5 regarding the EN ISO 9513 for calibration devices.

Design and function

A backlash-free sliding carriage can be positioned by a spindle in a sturdy and stable frame. The rapid positioning is performed directly by the spindle, while the fine adjustment is done via a gear transmission. The weight and clamping forces of the extensometer are not transferred to the gauging system by the sliding carriage. Stainless steel ball bearings with high concentric running accuracy, chrome plated guiding columns and chemically nickel coated steel parts ensure a long unproblematic lifetime of the instrument.

Measuring system

The calibration device KMF 02 can be equipped with two various gauge systems which differentiates in accuracy. (see overleaf).

Calibration

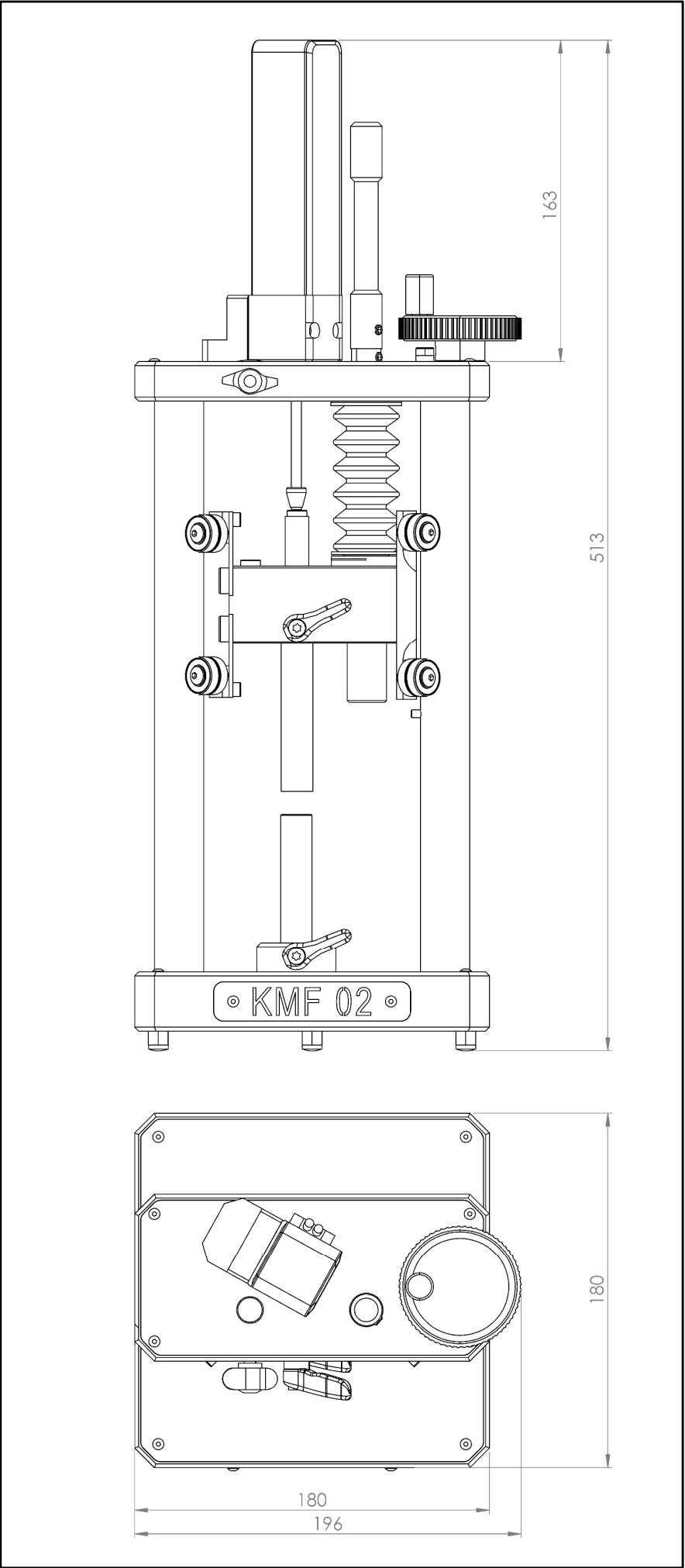
The KMF 02 can be calibrated by a external laboratory. Longer delivery times and the surcharge must be taken into account.

Scope of delivery

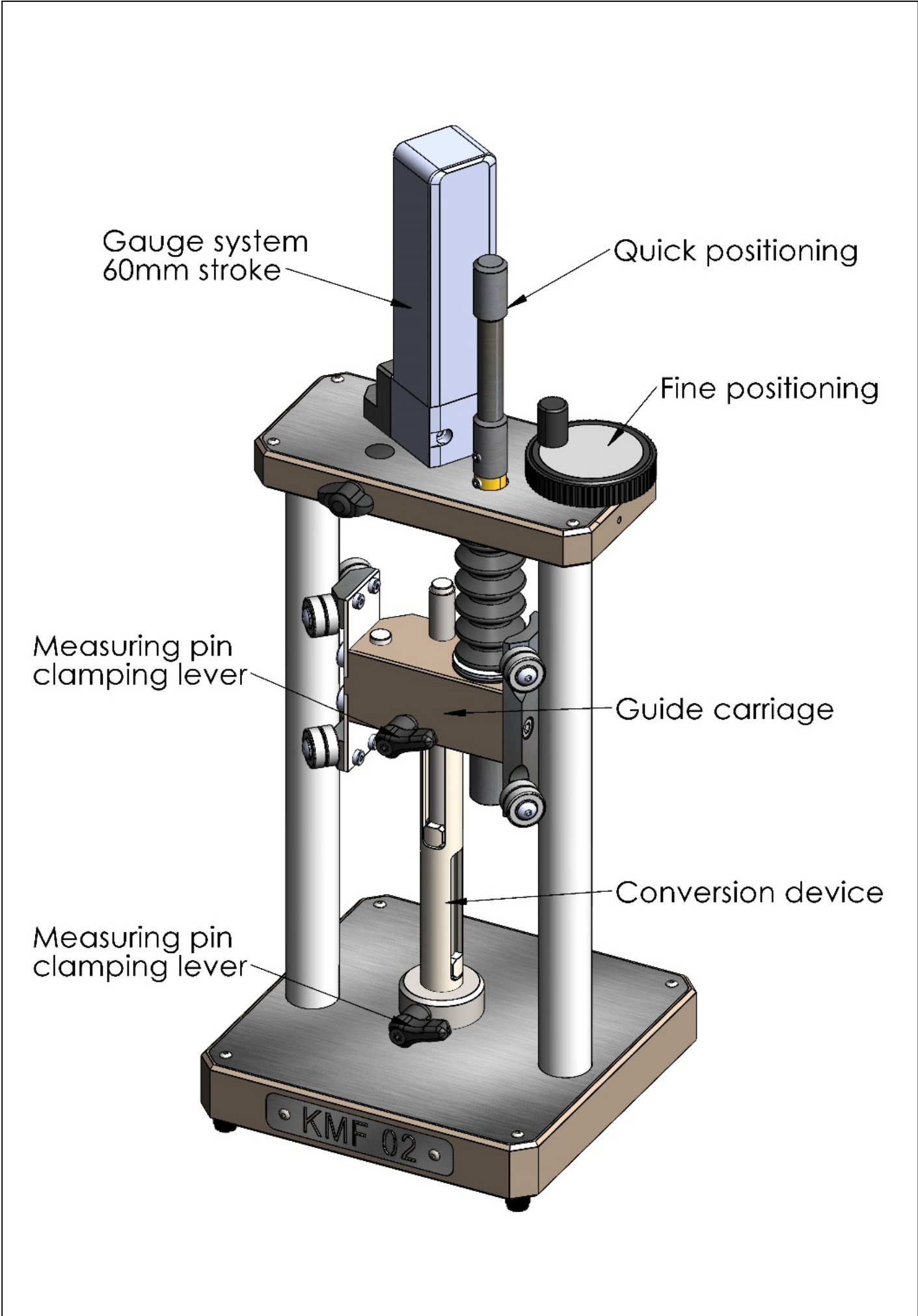
- 1 KMF 02
- 1 Measured value display ND 280
- 2 Pin bolts Ø 16 mm

Accessories

- 1 Conversion device
- 1 Reducing sleeve Ø12mm / Ø8 mm



Picture 1: KMF 02 - Dimensions



Picture 2: KMF 02 - Description