

## Force Measurement Tester for all Purposes: Service-Tool for Closing Force Measurement on Power-Operated Doors, Gates and Barriers

**KMG-T**



Easy to use for mandatory inspections according to ASR A 1.7, while also being a reliable device for quality assurance for manufacturers or during new installations. Suitable for comprehensive verification of operational safety in accordance with applicable regulations and standards for gates, doors and barriers.

- Force Testers with direct evaluation
- Instant display of the measurement curve
- Large display with illuminated LCD display
- Cloud solution and analysis software available for PC
- With wireless module
- Windows compatible
- USB-C connection
- High-quality, robust design
- Automatic measurement for series
- Large measurement memory for 372 individual measurements

according to EN 12453, EN 16005, EN16361, EN 17352, and ASR A 1.7, DHF protocol TS011 and TS012

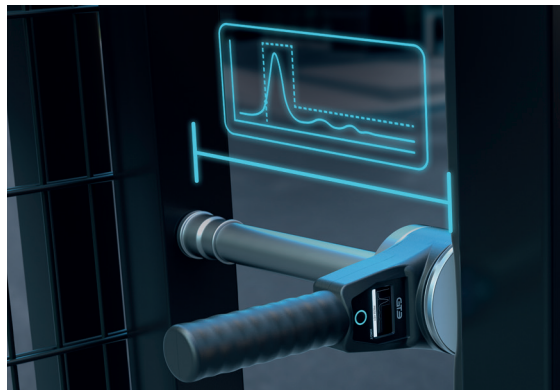
## Two-in-One: Universal Force Measuring Device for Gates

The KMG-T force measuring device determines the dynamic and static forces as well as the temporal progression of force effects on closing edges of automatically operated doors, gates, and barriers. It is a smooth-running tool for simple maintenance checks. At the same time, in its extended operating mode, it supports manufacturers, installers, and experts in comprehensive gate inspections, for example, according to testing regulations after a new installation. Handy and comfortable to operate, the Two-in-one device immediately displays the measurement curve on the large display after the measurement.

### Service-Tool

#### For mandatory maintenance tests

- Tool for the profitable execution of measurement services for fitters, craftsmen and maintenance companies
- Ideal for the annual maintenance inspection in accordance with German workplace regulation ASR A 1.7



### KMG-VISION.cloud

The cloud solution simplifies processes for inspection service providers by decoupling preparation, inspection and follow-up activities. Gate inspections according to regulatory standards are digitized, making them more efficient and faster.

### Force Tester for Extensive Tests

#### Quality tests according to standards

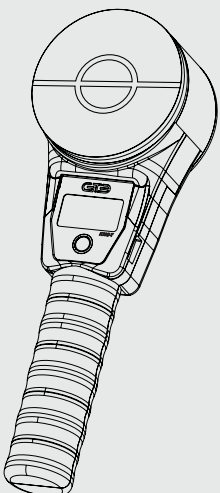
- User-friendly device for detailed quality control according to regulations
- Automatic measurement mode for repeated measurements in series
- Manual measurement mode for increased control over the measurement process

### Available Accessories & Services

- Distance Set
- Transport case
- Calibration (KMG Service Bundle)
- KMG-VISION.cloud
- KMG-VISION (Evaluation software for PC)

### PC software KMG-VISION

The Windows-based software allows the analysis and documentation of closing force measurements with the KMG-T in the form of extensive projects. The required different measurement points can be defined in an assignment table. The evaluation is carried out automatically – for example, by averaging the obligatory three individual measurements.



## Technical Data

<b>Power supply</b>	Internal Lithium-ion battery
<b>Current</b>	< 20 mA
<b>Interface</b>	USB-C
<b>Measurement memory</b>	372 single measurements (= 124 measurements in accordance to standards)
<b>Temperature range</b>	0 ... 40 °C
<b>Relative humidity</b>	20 ... 90 % RH (non-condensing)
<b>Dimensions, handle included</b>	245 mm x 80 mm x 50 mm (L x W x H)

<b>Dimensions of measurement plate</b>	80 mm Ø, height 50 mm
<b>Weight</b>	0.85 kg
<b>Measurement range</b>	25 N ... 2000 N
<b>Measurement accuracy</b>	Typ. ± 0.4 % of 2000 N at 20 °C
<b>Maximum measurement error</b>	25 N ... 200 N: ± 10 N 200 N ... 2000 N: 5 %
<b>Spring rate (mechanical filter)</b>	500 N/mm
<b>Rising / falling time</b>	≤ 5 ms