

Closing-Force Measurement According to Standard

The KMG-Lite force gauge specializes in simplified closing force measurement for maintenance on power-operated doors and gates. Installers appreciate the compact and economical handheld device because it is ideally suited for easy, quick use on site and can be operated intuitively. It is recommended as a testing device in accordance with German workplace regulation ASR A1.7, which prescribes an annual safety inspection on all commercially used, power-operated gates and with the British DHF protocols TS011 and TS012.

KMG-Lite



- In conformance with DIN EN 12453 and DIN EN 16005
- Ideal for maintenance testing according to British DHF protocols TS011, TS012 and German directive ASR A 1.7
- User-friendly operation
- Automatic evaluation of the force curve
- Optional app for visualization and documentation
- Duplicating pad for easy logging of measured values
- Distance-Set available
- Overload protection



KMG-Lite



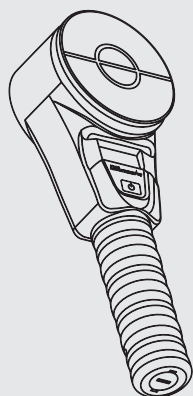
Measurement results in next to no time

The device is ready for measurement immediately after being switched on. The force measurement starts automatically when a force of more than 20 N is applied. After the measurement time of five seconds has elapsed, the measurement result of the individual measurement is displayed. The result shows the maximum force application F_d , the time of force application T_d over 150 N and the final force F_e . The measured values can be called up one after the other by pressing a key. This makes it very easy to perform and evaluate the measurement on site.



Evaluate and document data on the go

If the KMG-Lite measuring device is equipped with a wireless module, visualization and documentation can also be carried out via the free KMG-Lite app. The mobile app simplifies the storage of your measurement data and transfer of the report to your client. Your Smartphone or tablet connects wirelessly to the KMG-Lite and forwards the measured values directly to the app. In combination with the order information, a standard-compliant protocol is created, which can be sent immediately as a PDF file by e-mail.



Technical Data:

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|-----------------------------|------------------------------------|-----------------------|---|
| Power supply | 3 x 1,5V - AA - battery (Mignon) | Weight | 1 kg |
| Power consumption | < 25 mA | Measuring range | 25 N ... 1600 N |
| Temperature range | 0 ... 40 °C | Measuring accuracy | typ. < 10 N |
| Relative humidity | 20 ... 90 % RH (non-condensing) | Measuring error | 25 N ... 200 N: ± 10 N 200 N ... 1600 N: 5 % of measured value |
| Measuring surface | 80 mm \varnothing , height 50 mm | Spring constant | 500 N/mm |
| Dimensions including handle | 250 mm x 80 mm x 50 mm (l x b x w) | Rising / falling time | ≤ 5 ms |