

SKM2 - closing force measurement mechanical, class 2 -

According to Euro Norm EEC70/156 Att. 5 and German SP according § 35e StVZO

To avoid the danger of accidents with hurts to people the maximum allowed clamping force between the edges of automatic closing doors are fixed in some special rules.

Our closing force measurement units SKM2 (class 2) and SKM1-A/B/C/C3 (class 1) are developed and designed to do regularly security tests concerning the closing force between 2 closing edges and meet the current German and European rules.

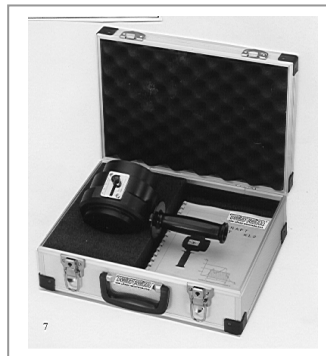
Main applications are:

- Bus doors
- U-/S-/ TRAM doors
- Automatic sliding doors
- Train doors
- Elevator doors
- Garage doors

The SKM2 is a ruggedized mechanical unit for use in work shops and Garages, which measures the maximum force during a closing sequence of an automatic door by moving a drag pointer along a precise scale. During the closing sequence it is held between the closing edges and by the operating force the two halves of the housing are moved into each other and with them the drag pointer is moved and remains at the scale location of the maximum force..

Technical Data:

	class II mechanical
Range	0 – 300 N
Inaccuracy	± 10 N
Stiffness	10 N/mm
Diameter	100 mm
Hight	115 mm
Spring deviation	30 mm



The unit is constructed especially for application in rough garage surrounding and shows a precise laser written scale. It's resistant against petrol, oil and fat and is delivered in a suitable aluminum case completely with manual and first calibration with certificate and mark.

Ordering information: SKM2-3 for 300 N und SKM2-5 for 500 N Measurement range.

Our calibration service guarantees a fast recalibration of the units using test equipment certified by the German calibration service (DKD), calibration affix and certificate

The new designed electronic system SKM-1-AC3 is cause of its high precision and its kind of storing data securely against falsification the ideal unit for applications at manufacturers or primary testing locations. But with multiple use of closing force measurement this unit with its comfortable functions and the corresponding time savings will soon be also in workshops and garages an indispensable help. You will get a separate data sheet for that unit if you need.