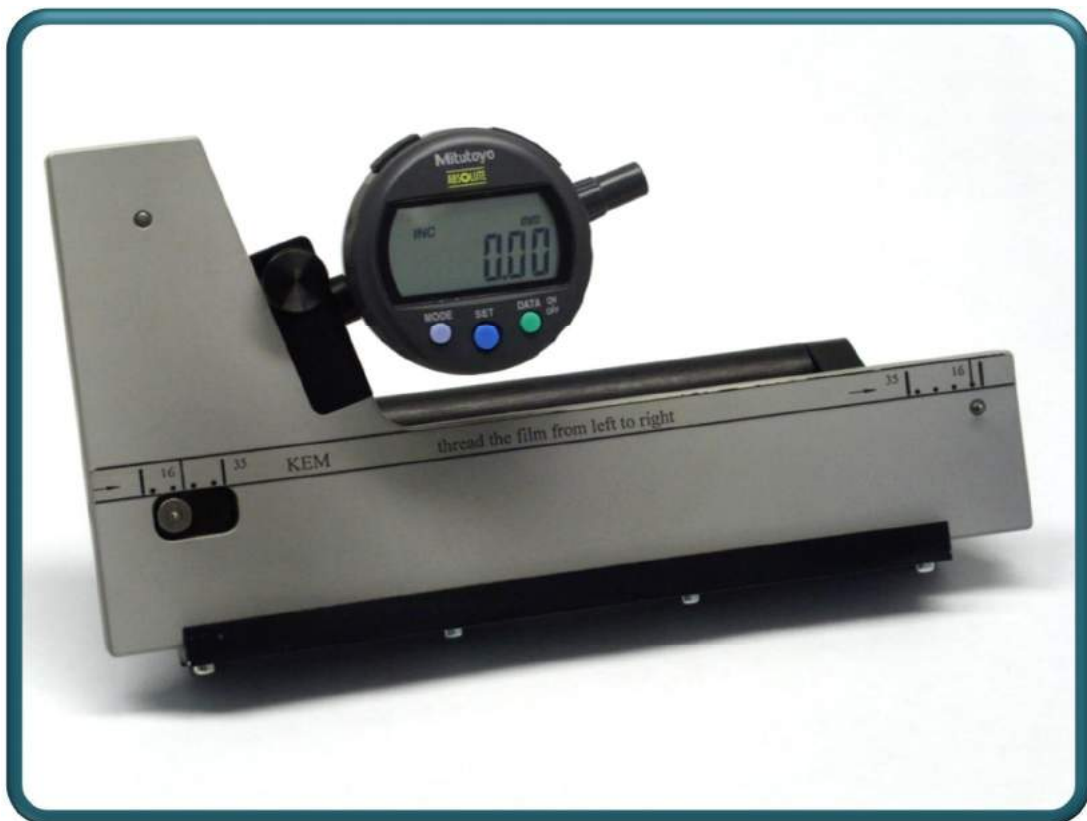


Manual

Shrinkage Control Unit

K – SG

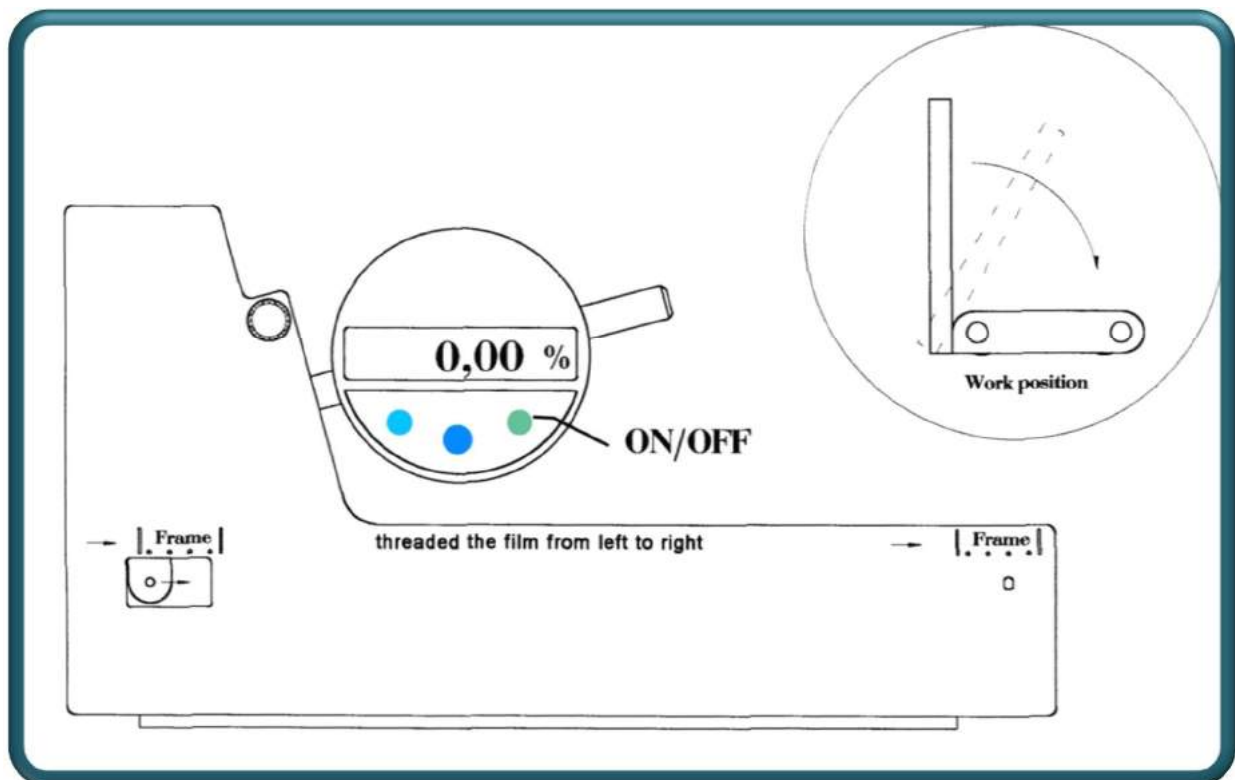


The assistance of film materials is not only the proper storage but also testing the grade of shrinkage.

KEM has developed a shrinkage control unit with a direct reading of percentage values on an LCD digital display and a logical film insertion to avoid measurement errors.

Usage

The front can be adapted to the personal best working position.



To check the shrinkage of a film piece, turn the display on at his green button. Navigate to the desired mode (16mm or 35mm, see below). Then place the film from left to right and look at the full picture of the markers (left and right). The numbers on the display represent the shrinkage percentage with an accuracy of ± 0.02 percent in itself.

35mm mode

To activate the 35mm mode, press the blue button (SET) for at least 2 seconds, while no film is loaded. At the upper left corner will appear "INC" to confirm the setting.

16mm mode

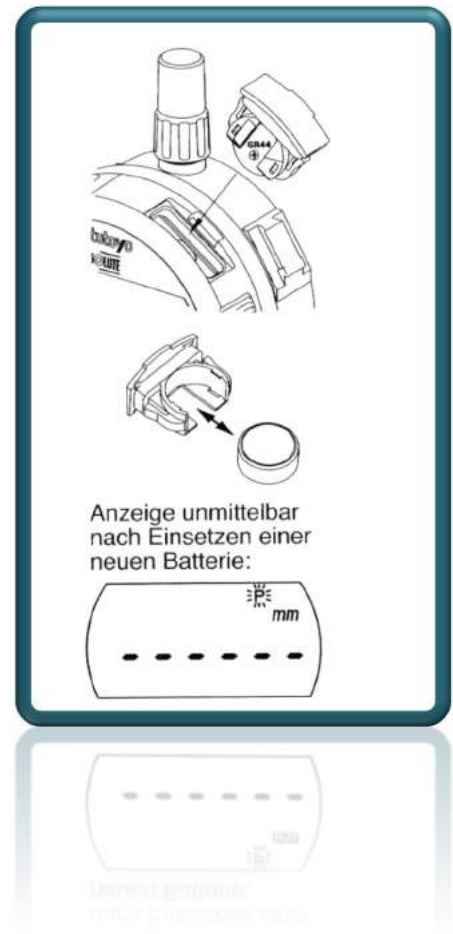
To activate the 16mm mode, press the „SET“ button until the „INC“ symbol disappears.



Battery change

The KSG16/35 is operated with a SR44 silver oxide battery and has a lifetime of 7000 hours in continuous operation. To ensure a proper work after each battery change, the 16mm mode has to be calibrated. To calibrate it, insert the supplied depth gauge. The “16mm” label must be legible. If necessary, switch the display on (ON/OFF button).

Now press the „set“ button (less than 2 seconds); the display will show “+0000.00”. Then press the „SET“ button briefly to complete the calibration process. After removing the depth gauge, the display needs to show „-0.97“, which guarantees the correct calibration.



Service

The shrinkage control unit will be delivered calibrated and only has to be recalibrated in case of battery change.

There are no oiling or greasing parts.

Spare parts

Title	Order number
Carrier plate	K-SG 35/1-1
Dial gauge holder	K-SG 35/1-2
Metall deck	K-SG 35/1-3
Film guide	K-SG 35/1-4/1
Leverage	K-SG 35/1-5
Spring	K-SG 35/1-6
Measuring shaft I	K-SG 35/1-7
Measuring shaft II	K-SG 35/1-8
Measuring shaft III	K-SG 35/1-9
Distance washer	K-SG 35/1-10
Calibration unit 16/35	K-SG 35/1-11
Holder	K-SG 35/2-1
Handle	K-SG 35/2-2
Holder left	K-SG 35/2-3
Holder right	K-SG 35/2-4
ST ball 3,2	
Dowel pin 4x10	
Dial gauge	Mitutoyo Digimatic ID-C1012XB

Technical data

Measuring length: 10,5 frames = 199,5 mm.

Measuring force: < 0,5 N

Measuring area: max. 3,5%

Power: 1 battery SR-44

Lifetime: about 7000h

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