

Checking procedure:

Requirement: If necessary, a sample of the material to be measured must be inserted in the thickness compensator as described in Chapter 3.3

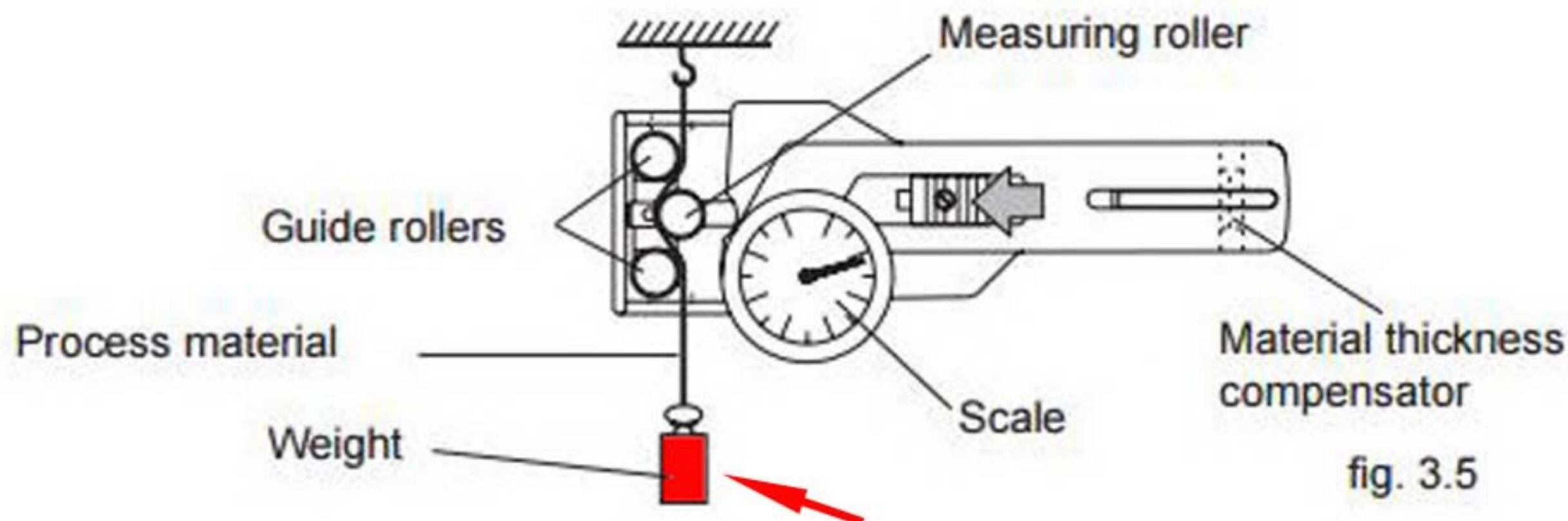


fig. 3.5

- Suspend a known weight that corresponds to the tension to be measured (pay attention to the correct unit of measure) from the Process material, vertically, as shown in fig. 3.5 (Always use a fresh portion of the material to be measured).
- Push the thumb piece as far as it will go in the direction indicated by the arrow and thread the material to be measured between the guide rollers and the measuring roller. Refer to Chapter 3.4.
- Slowly release pressure on the thumb piece until the outer rollers return to their original position.



It is essential that the Thumb piece return slowly to its initial position. Any uncontrolled snap-back may affect calibration and may also damage the instrument.

- Before the final check, move the instrument slowly up and down to compensate any friction caused by the instrument and thus ensure the repeatability.
- The tension value should be equal to the value of the suspended weight.

If this procedure shows a deviation beyond the allowable tolerance and a reliable operation is no longer allowed, the instrument has to be recalibrated or repaired. For recalibration, return the tension meter to the factory.