Calibration Tool v2.0

The exact procedure always depends on the operator, and the equipment and tools used.

Therefore, only a description of the basic procedure is possible:

Calibration in x-y

The bare module support (fixed) and the frame (loose) have markings.

Move the frame so that the markings are aligned in the x and y directions.

An accuracy of 5 µm is sufficient.

Calibration in z

The bare module support (loose) must be parallel to the support points of the flex jig on the frame.

An accuracy of 7 µm is completely sufficient here.

Finally, the frame must be screwed together.

The coarse adjustment screw of the glue gap height should be set 6.50 µm below the contact points of the flex jig.

Wrap-up

It is advisable to record all relevant data again at the end of the calibration (actual state) and document it in a calibration report.