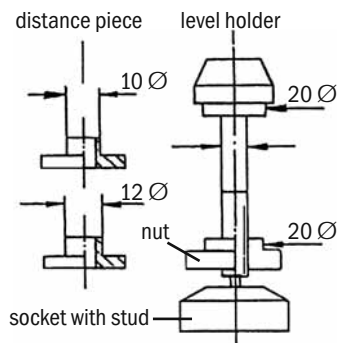


**9270 Universal balancing machine** for propellers of a diameter of 12" (300 mm) up to 40" (1000 mm) and borings of 8.0/10.0/12.0 and 20 mm in diameter. The maximum hub thickness of the propeller is 48 mm Ø.

The FEMA balancing machine is world-wide the only one that lets you balance-out the propellers lengthways and sideways to the rotor blades. Due to the simple handling and to the high-precision display, every model maker can now balance-out exactly the propellers on his own.



1. Put the balancing machine on a horizontal surface.
2. Mount the device as shown in the picture. Fasten the nut slightly with your hand. Propellers with a boring diameter of 8 mm can be mounted directly to the level holder. For propellers with borings of 10 and 12 mm use the included distance pieces. Propellers with a boring of 20 mm are centred via the level holder and the nut.
3. Put the level holder with the mounted propeller carefully onto the socket and set the propeller into a gently swinging rotation.
4. When the propeller stops the bubble points to the lighter blade. The level is very sensitive so if the bubble remains inside the marker ring the propeller is already balanced. If the propeller blades have the same length (check) the heavier blade has to be lightened by carefully sanding it off (or scraping it off with a razor blade). Make sure while doing this that no dirt gets into the boring of the top part as this might cause friction in the bearing.
5. If the balancing machine shows an out-of-balance sideways to the direction of the blades you have to go over the edges of the blades and the propeller hub. But if the differences are too great then the boring is not exactly centred and therefore the propeller can not be used anymore.



### Safety instructions (risk of accidents)

Do not fasten any parts on the propeller while balancing-out as parts may loosen and be flung away.

### Hint

The level is not fuel resistant.