

## Instruction for use

Mount the truingstand like on the photo illustrated.

1. Stretch wheel.
2. Do measuring equipment to the rim.
3. Axclamping easily solve to a play in the axis is noticeable.
4. Insert prism with thumb in the rim and counterhold rim with the forefinger.
5. Put axial runout measuring clock in the set screw on zero (pointer position 6 o'clock).

**Please Note!**

Never turn the scale ring on dial gauges. Use always the adjusting screws for position the pointer on left side and below in the middle for highness.

6. Stretch wheel firmly and give approx. 1 rotation in the crank preliminary tension.  
Pay attention while stretching always to steady instep pressure!
7. With the set screw to the vertical adjustment below in the middle cross-beam position the pointer of the off-centre runout measuring clock on zero (3 o'clock).
8. Wheel turn to the maximum rash (turning point) upwards is reached.
9. With the set screw below in the middle cross-beam put the pointer of the off-centre runout measuring clock there.
10. Wheel again turn to the maximum rash down (turning point) is reached.
11. Halve the difference to the zero (Bsp.: 0.8 mm:  $2 = 0.4$  mm).
12. With the set screw below in the middle cross-beam put the pointer on the calculated value (Bsp.: = put 0.4 mm). Now with the trick of the wheel the pointer oscillates down and on top around the same value to the zero.
13. Centre in both measuring watches to the zero.

### **Tip:**

If you fire your wheel outside from the truingstand, you mark before the hub (Bsp.: Felt-tip on top on the left).

Stretch the wheel again back to the before marked position (the same side mark on top).

This excludes axiserror, saves time and leads to the best possible result.

The tricks of the wheel to the Midfinder are not suitable because of the possible eccentricity in the axbolts. Then this leads necessarily to faulty measuring results.

Please watch the video on [www.centrimaster.de](http://www.centrimaster.de) for showing handling.