International Shooting Sport Federation
Internationaler Schiess-Sportverband e.V.
Fédération Internationale de Tir Sportif
Federación Internacional de Tiro Deportivo

MANUAL INSTRUCTION

FOR

ISSF TEST SET

Edition 2014

All Instruments must be checked before every Competition. It is recommended to check instruments again from time to time, and especially when some devices will be unfixed during the night.

The mechanical part is no problem, but sometimes the electronic device can bring up wrong measurements (e.g. due to falling down or improper storing)

1. Checking procedure of the thickness device:

Check all the mechanical parts first and also the 5 kg weight on a scale

Conduct a calibration on the electronic measuring device first, press the calibration button to shows zero.

Insert different measurements of the shims 2.50 mm, and 3.00 mm between the 5 kg weight and the fix 30 mm diameter part, put down the handle and see what the display shows.

Mess shims for thickness and stiffness device

2. Checking procedure of the stiffness device:

Check all the mechanical parts first and also the 1 kg weight on a scale

Make a calibration on the electronic measuring device first, press the calibration button, put down the handle and see what the display shows.

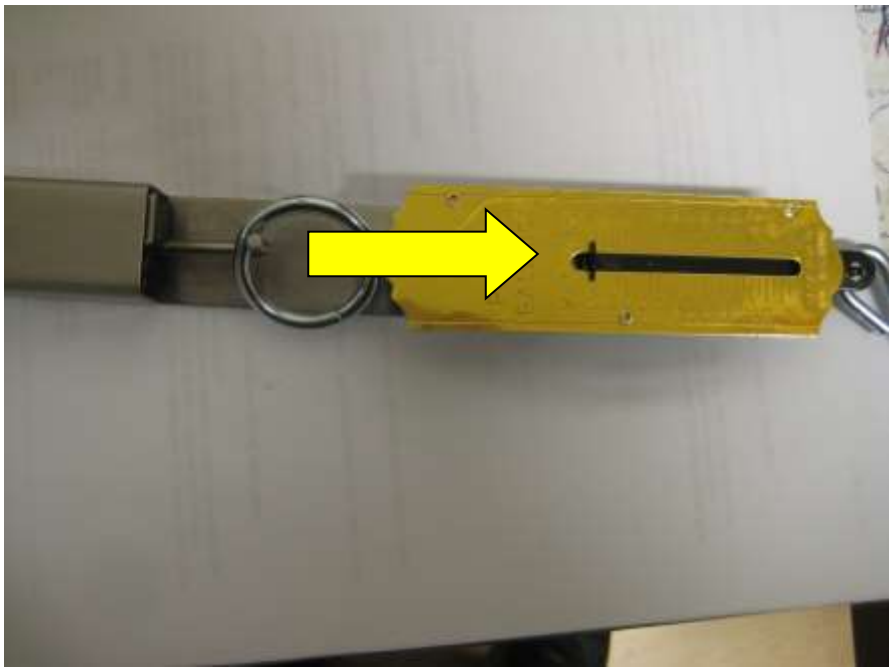
Insert different measurements of the shims 2,50 mm, 3,00 mm, between the 20 mm weight stamp and the 60 mm rounding and put down the handle, the display should show 2,50 or 3,00mm

For demonstrating how sensitive the tools are working you can use additional shims with measurements of 0,5mm, 1,00mm and 1,5mm.

For testing the machine to make sure it will go down at least 3.00mm you MUST use the original blue tool, which is included in the equipment of the stiffness device (that is not in the ISSF test included).

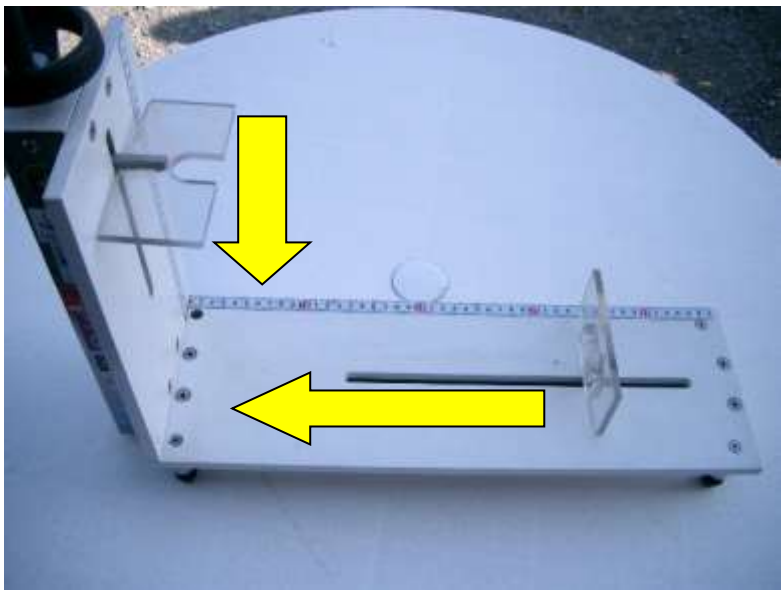
3. **Checking procedure of the Overlapping device:**

Place down the overlapping device on a table and pull with the hand scale until it shows 6 – 8 kg. The air cylinder must come out and the scale will show you the figure of kg.



NOTES:

4. **Checking procedure of the Shoe 2/3 dimension Instrument:**



The two-thirds (2/3) length calculation can be made by hand with a ruler or a calculator.

5. Checking procedure of the Scale:

Test the scale with the testing weight, you can use the pistol trigger weight, but check the weight at least with two different scales.

Or use the testing weight with 20, 0 gr, which is in the testing test included.

6. Checking Sole sole device

Check the sole device with the angle meter.