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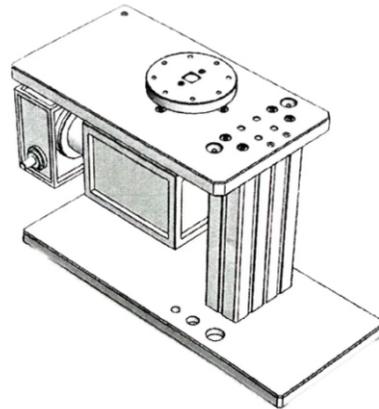
**IST-06TS SERIES
TORQUE WRENCH TEST STAND
OPERATION MANUAL**

PLEASE SCAN QR CODE TO
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VIDEO OF PRODUCTS.

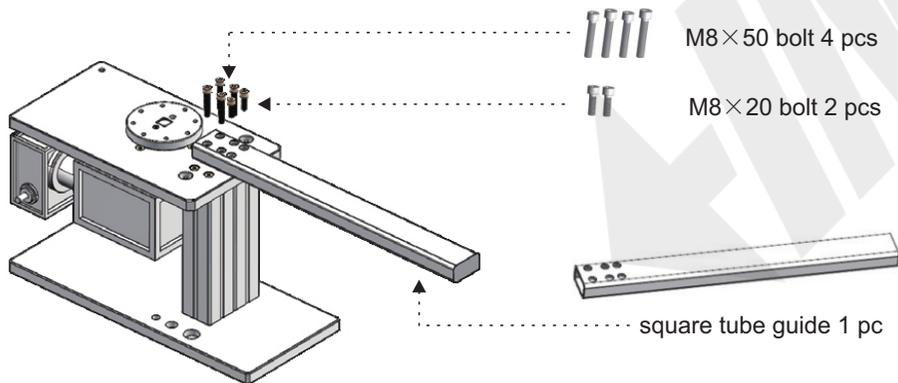


INSTALLATION

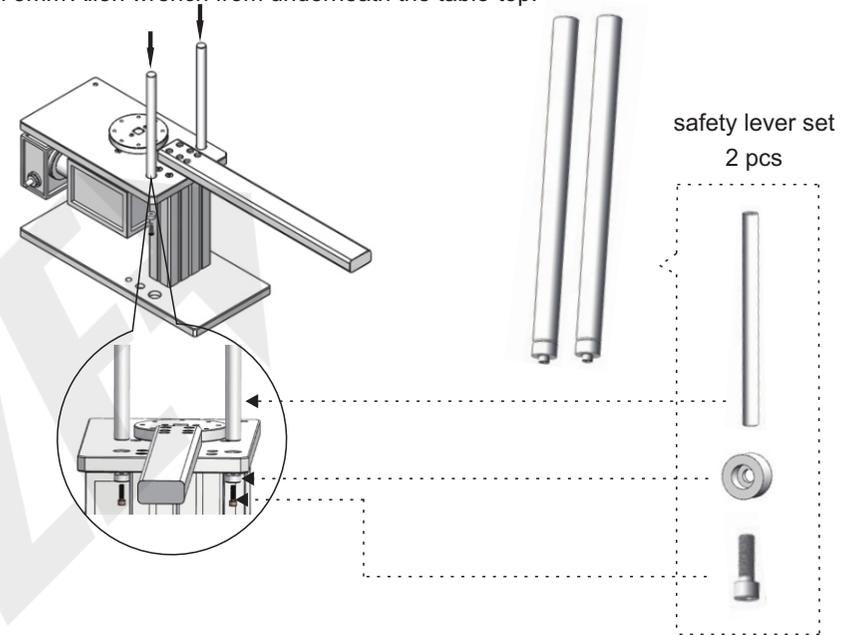
1. Place the main body on the table.



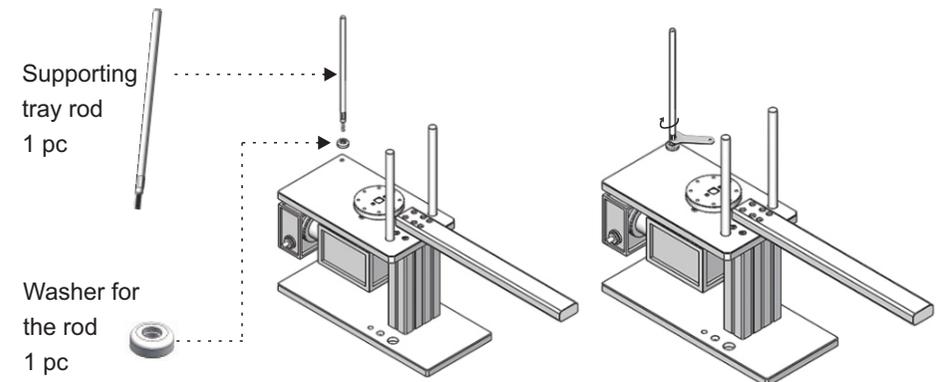
2. Assemble the square tube guide : Tighten the bolts with 6mm Allen wrench.



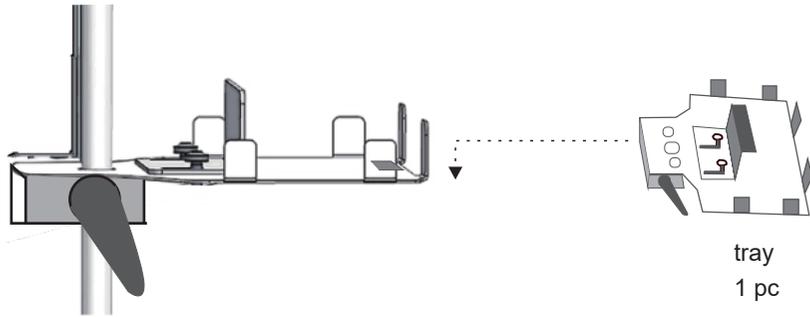
3. Assemble the safety lever set : Insert two safety levers as shown, tighten the bolts with 5mm Allen wrench from underneath the table-top.



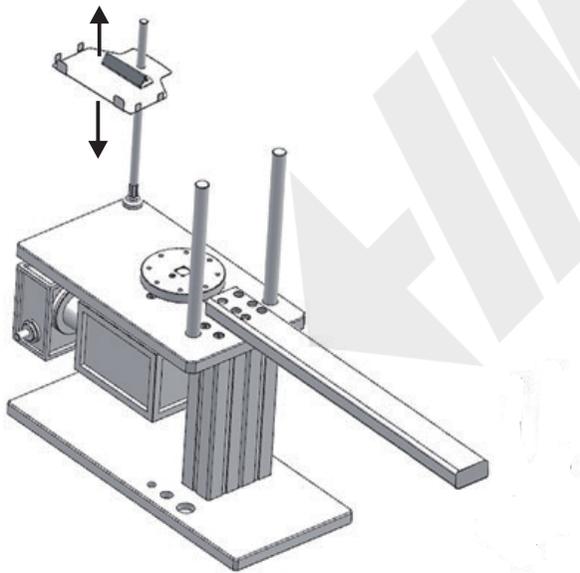
4. Assemble the supporting tray rod : Place the washer under the rod, tighten the rod by 11mm open end wrench.



5. Assemble the tray : Insert the spring into the clip of the tray, press and hold the spring clip by hand, thread the tray onto the rod. Release your hand and the tray will stay there. Adjust the tray height to a comfortable position.



Adjust the tray height to the appropriate position at will

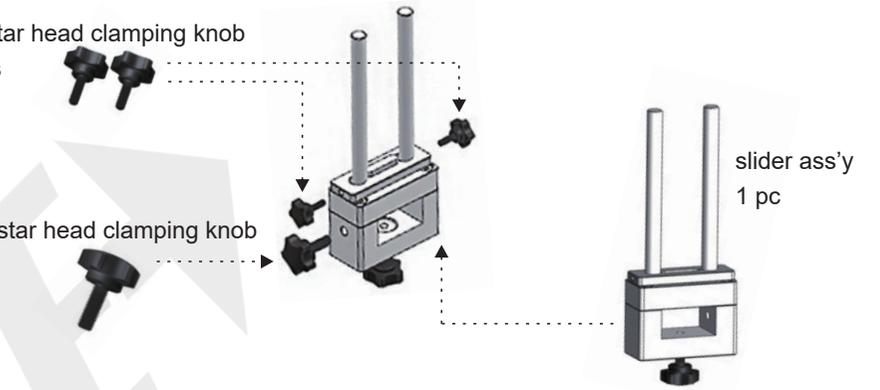


6. Assemble the slider assembly: Screw in the star head clamping knobs on the slider assembly, do not tighten them.

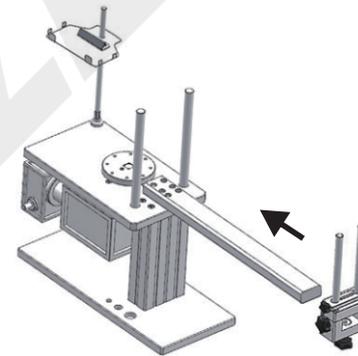
M6 star head clamping knob
2 pcs

M10 star head clamping knob
1 pc

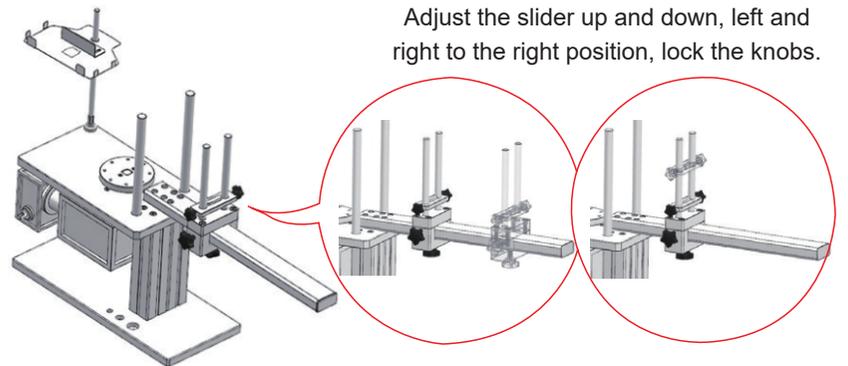
slider ass'y
1 pc



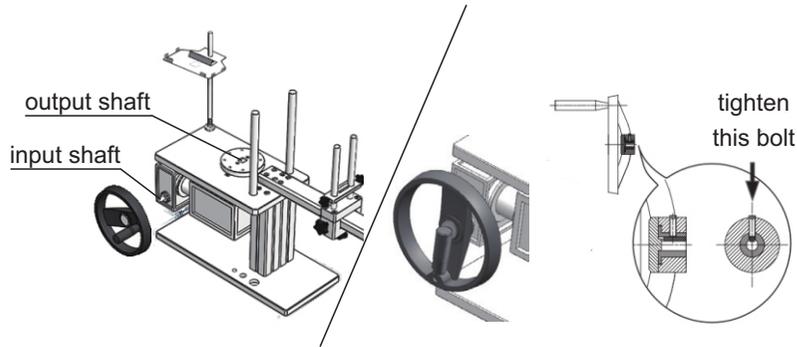
Sleeving the slider assembly from the end of the square tube guide.



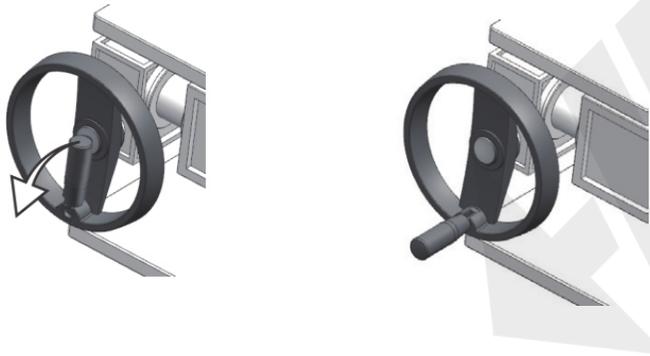
Adjust the slider up and down, left and right to the right position, lock the knobs.



7. Assemble the hand wheel: Attach the hand wheel to the input shaft of the main body and tighten the bolt with 3mm Allen wrench.



Pull the folding handle perpendicular to the wheel plate. Turn the hand wheel and you can see the output shaft is turning.



INSTRUCTIONS

Installation of torque testing device

Taking IST-TT220 digital torque tester as an example:

1. Install the sensor: Align the sensor with the hole position of the transition plate IST-06TS-BLOCK1 (to be purchased separately), then screw in the bolt and fix it.
2. Fix the instrument and place it on the instrument tray. If necessary, use a pressure plate to fix the display.
3. Connect the wiring between the sensor and the instrument, and connect the instrument power supply.
4. Put on the torque wrench, ensure the torque direction, slowly turn the handwheel, observe if the torque direction is correct, and if it is correct, start the test.



Before Test :

Fit the torque wrench's square drive with the hole of the transducer, if the sizes do not match, use an appropriate conversion connector. Make sure the reversing lever of wrench is in the correct direction. Move the slider on the square tube guide so that the midpoint of the wrench's grip is against the reaction rod, and adjust the position of the lever on the slider so that the axis of the wrench is horizontal. Then lock the four Star Head Clamping Knobs.

Testing:

Test the wrench by slowly turning the hand wheel in the direction indicated.

⌚ indicates that the wrench is applying force in a clockwise direction (i.e., tightening the bolt). ⌚ indicates counterclockwise application of force. Stop rotating the hand wheel as soon as you hear the "Click" sound of the wrench, and unload the force. Then read the data displayed on the torque tester. Note that the "Click" sound of the small torque wrench is not noticeable, you may need to watch the torque value and immediately stop applying force as soon as the torque value stops increasing.

The speed at which the handwheel rotates is determined by the data displayed on the tester. Generally, you should slow down after the test data reaches 80% of the test point value.