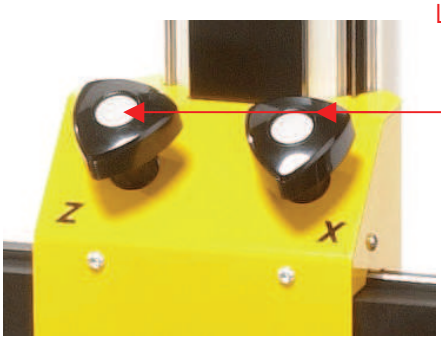
toolset
– Instruction Manual

innotool® austria



Turn the knob left or right and the clamping will be loosed

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toolset
– unpack and set up

Take the TOOLSET with the mounted wood board out of the cardboard and put it to his work place.

Remove the 3 screws on the bottom of the wood board and put the TOOLSET away from the board.

Remove the transport screw on the top of the column under holding the weight rope (Important!!!). The weight is transport saved at the column. After removing the transport screw put the weight rope softly to the column.

Loose the Z-Clamp and move up with the measuring wagon. Now take away the indicator pad.

Caution: If the Optic is not mounted and the transport screw is already loosed it is possible that the measuring wagon move automatically up because of the heavier Optic weight. That could result in damage of the system.

OPTION OPTIC:

Stick the Optic with the distance tube on the Optic holder and tight the clamp screw a little. Adjust the Optic on the z-axis with a test bar and fix the clamp screw.

PACKAGING:

Please use the original transport elements if you have to send the TOOLSET back to the supplier (for maintenance). Transportation elements are: transportation cardboard, wood board with the three screws and the plastic elements, Indicator pad.

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– Documentation

TOOLSET initial steps and operating instructions.

Set up:

The instrument should be shipped upright only and inspected after unpacking for any damage in transit. To remove the shipping base, it is best to slide just one edge of the base at a time over the table end so as to undo the screw at that point.

The unit should be installed on a stable support in an environment that is as dust-free as possible and near a 220 V plug (line voltage adapter).

Strong electrical interference fields (high-power engines, welding equipment and the liks) are to be avoided.

The counter-weight is to be fastened with a screw used to anchor the unit during transit. Do not slide the measuring carriage before removing the screw and cleaning the guide rails of any packaging debris.

Adjustment and locking:

Coarse adjustment for both axes is carried out by turning the control grips on the measuring carriage to the right or left. Locking of the axes is carried out in the mid-position of the control grips (fine adjustment function). Do not turn out the control grips completely.

Diameter fine adjustment is carried out by turn in the control button on the front face.

Vertical fine adjustment is carried out using the hand wheel on the instrument foot at the side.

Precision bearing:

The bearing and the receiving cone are to be cleaned before a tool is inserted. The precision bearing has a test collar with reference diameter and height for scale calibration (R 44.45mm/R 1.750inch engraved in the hand wheel)

Electronics:

When the unit is first placed in service, it is important to check the bearing reference. This is carried out following the reference start up in the measuring mode for measuring the calibration edges.

Reference correction is possible in the set menu. The main menu is reached using the procedure described (depress Set about 3 seconds immediately after ESC). Select the TOOLSET reference in the main menu (depress number 1) which brings up the reference menu.
This procedure is described the reference menu.

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