

Handling of the moving table for the IGIscope with new bench way



How to handle:

1. Light pressure on the left side of the table.
2. Moving forwards or backwards
3. After releasing the pressure the table will stop..

2 - Magnification changer

The magnification changer (2) is found on both sides of the optical system. It allows you to change the magnification.

3 - Control knobs

The control knobs (3) are found on both sides of the optical holder. They serve for sharpness of the image.

4 - Mirror

The mirror is used for looking into the stones from the side. You can tilt it under ca. 30° from the front to the back position.

5 - Table with holder for the dops

For mounting the dop holder on top of the plate.

6 - Main switch

For switching on and off.

7 - Control knob for the intensity of light

Herewith you can regulate the intensity of the light.

8 - How to use the stoneholders (dops)

You have to fix the stone on a dop. The dop should be smaller around 1 millimeter as the diameter of the stone.

Now you can turn the stone by 360° and you can tilt it under ca. 30°.

The table is movable so that you can determine every facet in the right position for checking.

You have to move the table to the front of the instrument. Then you have to look through the optic and focus it new.

Then you can determine the stone like before.

For the backside you have to turn the stone on the table. The procedure is the same as above.