Test laser

Cables from the laser to EX-1309-T when the screws are facing up and to the left where 1 is the top and 5 is the bottom:

1 - green

2 - yellow

3 - gray

4 - pink

5 - blue

From EX-1309 1 cable goes from 5 to V- on the LRS-150-24

The red cable goes from the laser to V+ on the LRS-150-24

The USB-A cable in inserted in a USB port on the computer and the test is performed with the sensorTOOL program provided from micro-epsilon.

One plank with markings from 50mm to 150mm in 10mm spans is used. One other plank is attached at the end of the measuring plank perpendicular to get a straight object to measure on.

To get the laser on, the black cable needs to touch the V- on the LRS-150-24. This is only to be done when the laser is steady at one of the measuring distances and NOT when moving the laser.

The tests were performed in a safe environment, in a room consisting of only the two people testing the laser.

Human errors are defenately a part in the error since the sensor are being moved by hand to a new position.