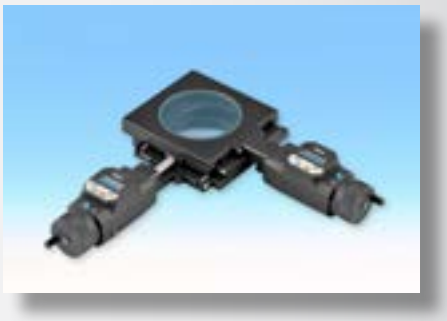
injektor solutions

KITOTEC

KITO 30



The **KITO 30** model is a configuration with a 50 x 50 mm XY measurement table, with two digital measuring spindles (Mitutoyo Digimatic) and two data cables and an interface (Bobe S-BOX 25 MUX / USB) for transmission of X and Y coordinates to the **KITEC MAX** measurement software. Why do we need an interface? Imagine you have to measure a test subject with a tolerance of +/- 5 µm, but the diameter of the test subject is 30 mm. If we now use a low magnification in order to completely reproduce the part to be measured, we get however a pixel resolution at 30 mm of approximately 17 µm. In so doing the specified measuring accuracy can no longer be adhered to. Therefore we use a suitably high magnification with a low pixel resolution and using the XY measurement table process can transmit the coordinates to the software and there measure with appropriate accuracy.



Of course we can supply the system without interface and data cable if these are not needed. Delivery is also possible with the **KITEC ECO** or **PRO** version. The cross table can also be supplied for 12 mm diameter instead of 18 mm holding fixtures. Please note that this configuration has a precision of +/- 5 µm via the 50 x 50 mm. Alternatively an XY measurement table with SCD system can be used which offers a precision of +/- 2 µm. Weight: 12 kg Dimensions: 580 x 400 x 550 – 670 mm.

Scope of delivery and price for the **KITO 30** below:

KITOZOOM video microscope series
- **Order no. KITO 30 - MAX**
- **KITOZOOM** - grid zoom at six levels
- LED ring light and bottom light with power pack, dimmable
- includes 0.5x accessory lens
- base plate with 50 x 50 mm cross table,
- includes two Mituyo Digimatic dial gauges, data cable and interface
- two zoom ranges - twelve zoom levels
- USB 2.0 camera 1600 x 1200 pixels
- calibration disk 0.1 graduation and test report
- **KITEC MAX** measurement software