

Video measuring microscope CZW3 CNC

Motorised cross table movement

HITEC
Messtechnik GmbH

Application:

For optical measurement of components that cannot or cannot easily be measured using tactile (contact) methods.

Execution:

- 23-inch touchscreen PC with MS Windows operating system
- Granite base plate DIN 876 Gen. 0
- Motorised zoom lens 0.7-4.5x
- Four-segment LED ring light and LED transmitted light
- USB 3.0 camera with 1.3 megapixel resolution
- Measuring table with Renishaw measuring system
- Floor unit made of sheet steel
- MetLogix M3 measurement and analysis software

Advantage:

- Intelligent image processing for measuring standard 2-D geometries
- Clear geometric functions without hidden submenus
- individual illuminance control for incident and transmitted light
- Free axis alignment of the workpiece being measured
- M3 software: automatic edge detection, tolerance test in line with DIN/ISO, element view with tolerance input, component view with dimensioning, live image display during measuring, additional storage of images for your documentation



Art. no.	39960 355
Brand	HITEC
Manufacturer Part Number	604-6100
Measuring range of X/Y/Z axis	600/600/200 mm
Number of rechargeable batteries/batteries	0 PCS
Cross table	Motorised
Lens type	Motorized zoom lens 0.7x - 4.5x
Magnification	35 to 225-times
Min. image section	Diameter 1.5 mm
Max. image section	Diameter 9 mm
Incident light	LED segment ring light, 1 x 360°, 2 x 180°, 4 x 90°
Transmitted light	LED
Length measurement tolerance MPE E1 (EX, EY)	4 µm + L/100 (L in mm)
Length measurement tolerance MPE E2 (EXY)	5 µm + L/100 (L in mm)
Camera type	USB 3.0 25 pictures/s, 1.3 megapixel
Max. table load	30 kg
Nominal voltage	240 V/AC
Gross Weight	1380.000 kg
Product Group	386