

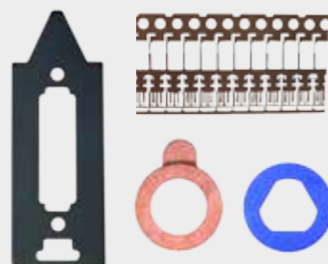
SPECIFICATIONS				
MODEL		QCM320	QCM570	QCM950
MEASURING RANGE / FIELD OF VIEW	mm	32 x 24	57 x 42	96 x 72
LENGTH DEVIATION	E2	4+L/50 (L in mm)	4,5+L/50 (L in mm)	7,5+L/50 (L in mm)
CAMERA		5 Mpixel USB3	5 Mpixel USB3	5 Mpixel USB3
SURFACE LIGHT		LED ring light	LED ring light	LED ring light
TRANSMITTED LIGHT		LED telecentric	LED telecentric	LED telecentric
HEIGHT ADJUSTMENT	mm	30	30	30
DIMENSIONS	LxBxH mm	330 x 230 x 580	330 x 240 x 720	340 x 250 x 820

### APPLICATIONS

#### Plastic components



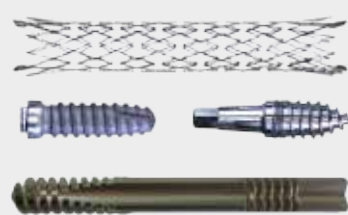
#### Stamping parts



#### Mechanical parts



#### Medical components



#### Electronic parts



Optical metrology  
- fast  
- simple  
- reliable



# QCM series



## FEATURES

- solid metal casing
- measuring table with height adjustment
- telecentric object lens
- USB 3.0 camera 5,0
- LED ringlight
- telecentric transmitted light

Through combination of the M3 software with our One-Shot Measuring Microscopes QCM320, QCM570 and QCM950, HITEC Messtechnik GmbH opens up new ways regarding the handling and accuracy with optical measurement of geometrical parameters.

M3 software, inspired by the smartphone / tablet PC philosophy, is both intuitive and easy to learn. It also captivates through its "ONE-SHOT" capture of the complete parts geometry by live pictures within seconds and evaluates elements and links at the same time.

Simple dimensioning and annotation of both the captured live image and part view graphic is standard along with access to multiple report templates all of which can be applied and reproduced as part of the recorded measurement routine. Additional M3 software features include measured feature tolerance capability according to DIN ISO standards and optional dxf module for comparison of measured data to CAD drawings.

Measuring results within seconds through „one-shot“ part measurement



Based on various telecentric objects lens, the QCM offers all possibilities to satisfy your measurement demands. An automatic parts recognition supports the user by choosing and allocating the parts being measured. The QCM product line delivers high precision repeatable measurement of a variety of components of different materials.

## SOFTWARE-FEATURES



- Graphical presentation of the measured components with export function to CAD systems
- Drag and Drop dimensioning by displaying the elements as well as in the live image



- Multiple report templates (csv, Europe, tolerance)
- Simple tolerance range input
- Optical results „ok / not ok“ including tendency



- Display of individual elements with graphical image of the measuring points
- Different calculation methods (Gauss, inscribed / enveloping circle, MMK)



Simple capture of measurements by touching the component in the live image