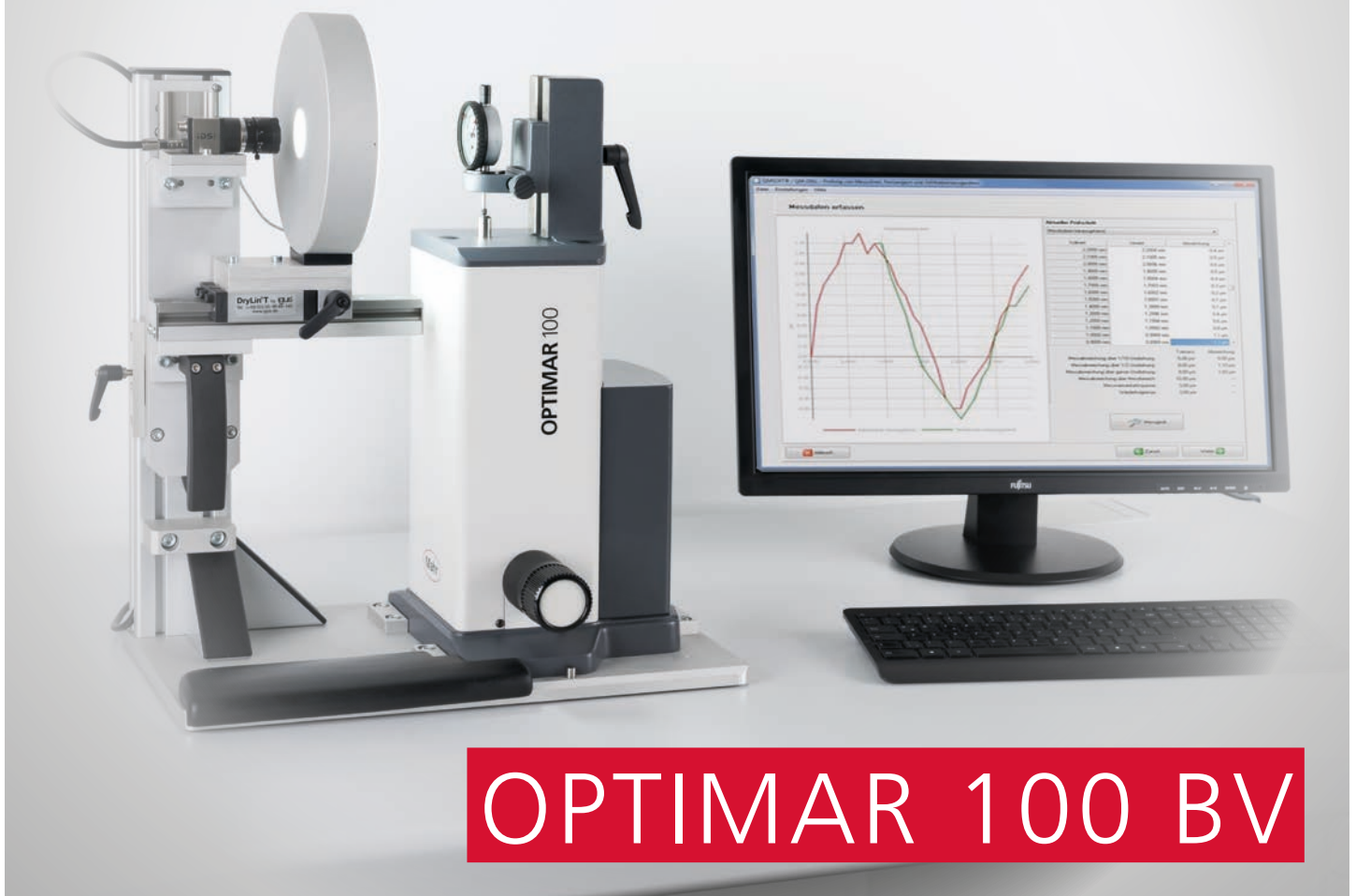


# Precimar



## FULLY AUTOMATED DIAL INDICATOR TEST DEVICE OPTIMAR 100 BV

High-precision measurements need the nanometer.  
That is why precision length measurements are called Precimar.

**This is what EXACTLY means to us.**

- 0 +



EXACTLY

# FULLY AUTOMATED DIAL INDICATOR TEST DEVICE OPTIMAR 100 BV

The visual reading of the pointer position of dial indicators, dial comparators and test indicators can be a strenuous and monotonous task for the operator of the test device, leading to fatigue and therefore also to subjective errors in positioning the pointer or the numeric display of the dial gages to be tested.

A large, professional-grade optical instrument, likely a refractometer or interferometer, featuring a large circular light source on the left and a vertical column with a control panel labeled 'OPTIMAR 100'. The device is mounted on a sturdy base and includes various adjustment knobs and a viewing eyepiece.



# PRECIMAR

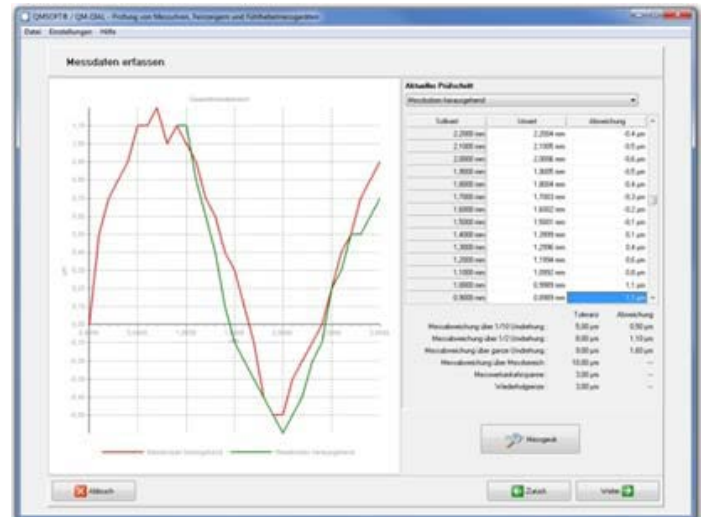
## FULLY AUTOMATED DIAL INDICATOR TEST DEVICE OPTIMAR 100 BV

Supports the inspection of these gages according to the most common standards worldwide.

The inspection results are output as numerical data lists and graphics showing the deviation course. Tolerance excesses are marked and identified.

### Advantages

- Quick image analysis by USB 3.0 camera
- Compact design
- Steady LED lighting which does not require daylight
- Directly readable digital digit identification
- No cable connection
- Easy to use
- Measured values are read out in an objective manner, free from random errors which might be committed by the operator.
- Frees capacities of the operator during the automated testing process
- All normal sizes and tolerances for gages are calculated by the program system



### Scope of delivery – Optimar 100 BV with image processing

- Optimar 100
- Cable for USB and RS232
- Adapter 9 to 25 pin
- Power supply 100-240/12 VDC
- Reduction clamping bushing 28 to 8 mm
- Mount for dial test indicators
- Mahr calibration certificate
- Retrofit kit for image processing consisting of:  
base unit, USB camera with lens, extension ring and suitable USB 3.0 cable, lighting unit, software QMSOFT® installation set



### Applications

#### Analog dial gages

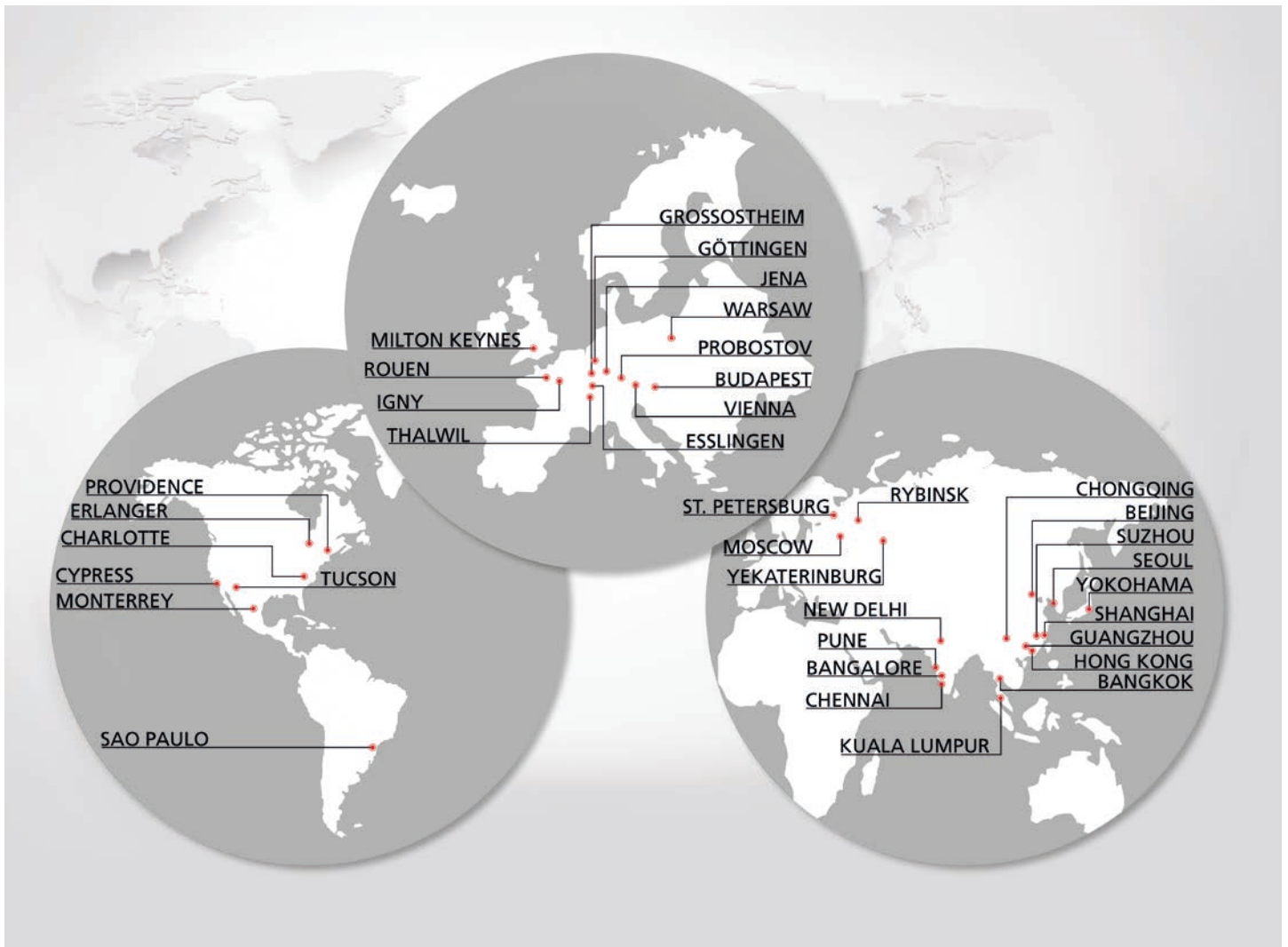


#### Digital dial gages



#### Test indicators





Partner for manufacturing companies worldwide.

**Close to our customers.**



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