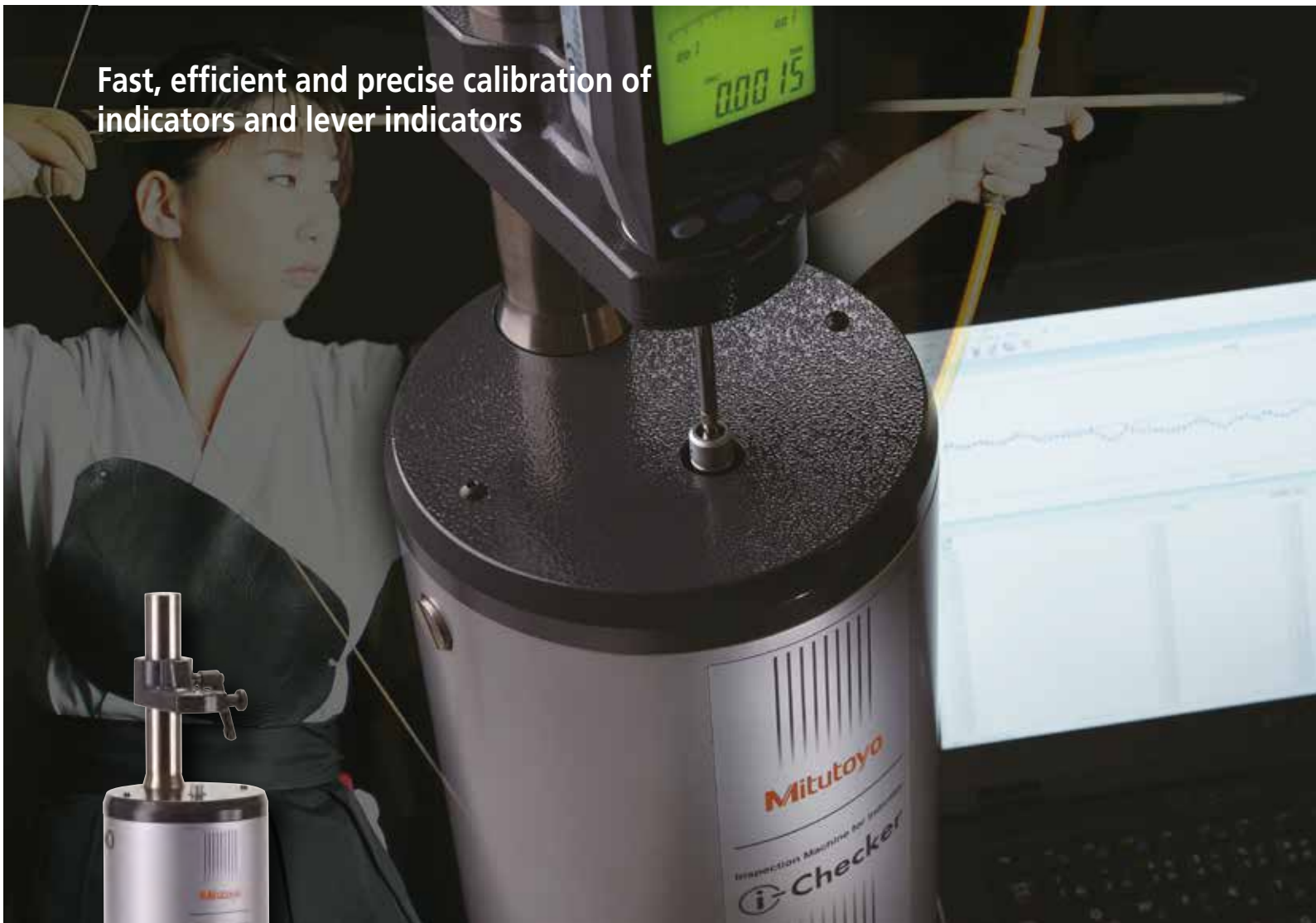


# CALIBRATION TESTER i-CHECKER

Fast, efficient and precise calibration of indicators and lever indicators



SMALL TOOL INSTRUMENTS  
AND DATA MANAGEMENT



Boost your calibration efficiency! The Mitutoyo i-Checker vastly accelerates and simplifies the calibration of your indicators, lever indicators and 2-point internal measuring instruments. The calibration of digital instruments is executed fully automatically and semi-automatically in the case of analogue devices. An easy to use external control box helps the user with the semi-automatic calibration procedure. The Mitutoyo i-Checker boasts an outstanding resolution of 0.01  $\mu\text{m}$  and an extraordinary accuracy of  $\pm(0.1+0.4L/100)$   $\mu\text{m}$ . The i-Pak Software facilitates the calibration according to current national and international standards.

- Measuring range of up to 100 mm
- Drive speed up to 10 mm/s
- i-Pak test and analysis software included as a standard
- i-Pak compliant to ISO, JIS, JMAS, ANSI, ASME, DIN, VDI/VDE/DGQ
- Easy adjustment of the measuring position thanks to semi- and fully automatic measurement functions



## Specifications

| Code No. 170-402D |                                                               |
|-------------------|---------------------------------------------------------------|
| Resolution        | 0,01 $\mu\text{m}$                                            |
| Drive method      | Electric motor                                                |
| Drive speed       | Max. 10 mm/s                                                  |
| Accuracy          | $\pm(0.1+0.4L/100)$ $\mu\text{m}$<br>L = measured length (mm) |
| Measuring unit    | Reflective-type glass linear encoder                          |
| Dimensions mm     | 169 x 205,5 x 559,5 mm (W x D x H)                            |
| Mass              | 20 kg                                                         |

# Mitutoyo

Mitutoyo Europe GmbH



Find additional product literature  
and our product catalogue

**Note:** Product illustrations are without obligation. Product descriptions, in particular any and all technical specifications, are only binding when explicitly agreed upon. MITUTOYO and MICAT are either registered trademarks or trademarks of Mitutoyo Corp. in Japan and/or other countries/regions. Other product, company and brand names mentioned herein are for identification purposes only and may be the trademarks of their respective holders.

Coordinate Measuring Machines

Vision Measuring Systems

Form Measurement

Optical Measuring

Sensor Systems

Test Equipment  
and Seismometers

Digital Scale and DRO Systems

Small Tool Instruments  
and Data Management