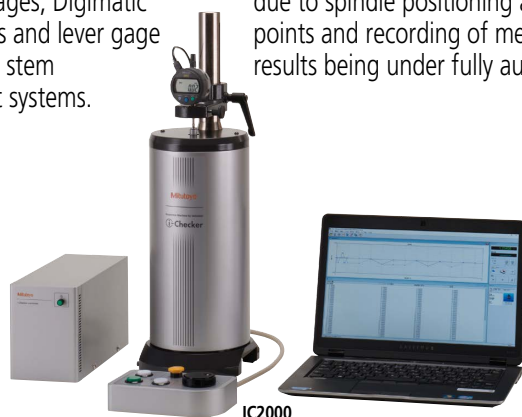


Indicator Calibration

i-Checker IC2000 SERIES 170

- The i-Checker makes it easier to continuously perform high-accuracy inspection of various indicators.
- A wide variety of optional accessories enable the inspection and calibration of many types of gages including dial indicators, lever-type dial indicators, dial test indicators, bore gages, Digimatic indicators, linear gages and lever gage heads that use various stem diameters and support systems.
- Can directly inspect indicators with a stroke of up to 100 mm.
- The pointer of the analog indicator is positioned just before the measuring point automatically in the semi-automatic mode.
- Digital indicators equipped with a data output function are checked very efficiently due to spindle positioning at the inspection points and recording of measurement results being under fully automatic control.



SPECIFICATIONS

Code No.	170-402	170-403
Measuring Range	100 mm	
Resolution	0.01 μ m	
Accuracy (20 °C)	vertical orientation	$(0.1 + 0.4L/100) \mu\text{m}$ L=Arbitrary length (mm)
	lateral orientation	$(0.15 + 0.6L/100) \mu\text{m}$ L=Arbitrary length (mm)
Feed speed	Maximum 10 mm/s	
Drive method	Motor drive (semi-automatic/fully-automatic)	
Measuring Unit	Separate type Linear Encoder	
Measurement method	Semi-automatic measurement	
	Fully automatic measurement (only when using an indicator equipped with data output function)*1*2	
Mass	20 kg	
Operating temperature	20 °C \pm 0.5 °C	
Remarks	with 8 mm bush	with 3/8 in bush

*1 Automatic measurement requires the indicator's connection cable. Additionally some form of indicator, along with the normally connected accessory (the optional accessory for the indicator such as a Digimatic power-supply unit in an EF counter) will be required.

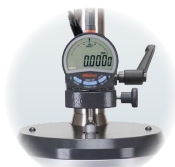
*2 The indicator measured via RS-232C has the capability to receive data from the main unit and output the counter value.



Dial Indicators



Dial Test Indicators



Digimatic Indicators



Linear gages

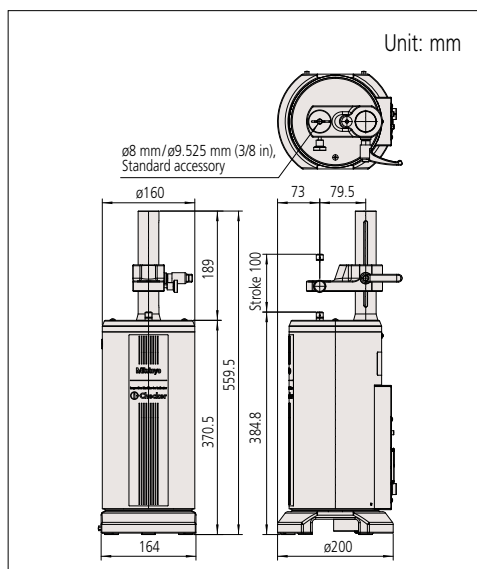


Bore Gages



Lever gage heads

DIMENSIONS



Typical application for Dial Test Indicator Accessory Set



Typical application using dial test indicator attachment set (**02ASK000**)

Product catalog
E12015



Video

