

KES

Precision Inspection Standard of 0.001mm Dial Gage Tester

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1. Scope of Application

This standard is to specify the precision and calibration inspection of 0.001mm dial gage tester.

2. Method of Inspection

The method of precision inspection is specified in table 1 and detailed method of calibration inspection is specified in KASTO 93-01-025-081

3. Guide on Interpretation

Guide on interpretation for precision inspection is specified in table 1

4. Period of Calibration Inspection

The period of calibration Inspection is 24 months

5. Record and After Management

Specified in KMS M030000(Precision Management Standard for Measuring Instrument).

Table1. Method of precision inspection

No	Inspection Items	Inspection Method	Figure	Equipment	Inspection Guide
1	Appearance and operation	1. Check out the flaking of coating, plating and rust in every parts. 2. Check the fitting state of part of micrometer is proper and softly and micrometer operates softly and tightly through all cycle.			There should be no faults.
2	Advanced precision	1. Put the dial gage tester on the surface table. 2. Set the tester to 0 point.		Gage block (0 grade) Electric micrometer (0.1μm)	± 0.8 μm