

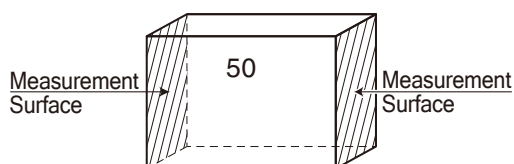
# CALIBRATION MASTER CALIPER CALIBRATION SET

Model No. CC-S-\*\*\* <comb.>

Thank you for purchasing the Caliper Calibration Set. This product is for calibrating outside calipers and checking accuracy.

- For safe and proper use of this product please read this instruction manual before use and follow the procedures described. Please keep manual where it is accessible to user for future reference.
- Keep this manual with the instrument if transferred or leased to a third party.
- For inquiries about this product, please contact dealer or Niigata Seiki at the address listed below.

## PART IDENTIFICATION



The Measurement Surfaces can be identified as the sides when facing the size marking. Use these surfaces between Caliper Jaws during measurement.

## PRODUCT SPECIFICATIONS

Model No.	Set Contents	
CC-S-100	JIS Grade 2 Gauge Blocks	50mm (Dimensional tolerance : $\pm 0.80\mu\text{m}$ )
	JIS Grade 2 Gauge Blocks	100mm (Dimensional tolerance : $\pm 1.20\mu\text{m}$ )
CC-S-150	JIS Grade 2 Gauge Blocks	75mm (Dimensional tolerance : $\pm 1.00\mu\text{m}$ )
	JIS Grade 2 Gauge Blocks	150mm (Dimensional tolerance : $\pm 1.60\mu\text{m}$ )
CC-S-200	JIS Grade 2 Gauge Blocks	100mm (Dimensional tolerance : $\pm 1.20\mu\text{m}$ )
	JIS Grade 2 Gauge Blocks	200mm (Dimensional tolerance : $\pm 2.00\mu\text{m}$ )
CC-S-300	JIS Grade 2 Gauge Blocks	150mm (Dimensional tolerance : $\pm 1.60\mu\text{m}$ )
	JIS Grade 2 Gauge Blocks	300mm (Dimensional tolerance : $\pm 2.80\mu\text{m}$ )

- Material : High Carbon High Chromium Steel

## SAFETY PRECAUTIONS Please Observe

Always follow the procedures specified in order to prevent harm to yourself or others, and to prevent damage to property.



Denotes a requirement - You **MUST** do



**CAUTION** Items marked where there is potential of injury or property damage.



**Read the manual and follow all instructions.**

- Use of product other than as described in the manual may cause accident.



**Use only for measuring.**

- Use for any purpose other than measuring may cause damage or wear to the gauge. Improper use may also cause accident.



**Handle with Care.**

- Do not drop or subject gauge to excessive shock. Do not place under heavy objects. Improper handling may cause damage.
- Do not engrave or scratch gauge.



**Use and store only in the following conditions:**

- Dry location protected from rain, water, and oils.
- Location that does not become hot.
- Location protected from use by children and unauthorized people.
- Use in conditions contrary to the above may cause damage to the product resulting in accident or injury.



**Use corrosion protection when not in use.**

- After use, wipe surfaces with a cloth to remove any dirt or oils, and place in a rust preventive bag. Store in a cool, dry location protected from direct sunlight.

## PREPERATION FOR USE

Before using, be sure to do the following.

● **When first purchased:**

- Confirm that package includes correct Gauge Blocks.
- Confirm that Inspection Report is included.

● **Before each use:**

- Check that there is no corrosion or scratches on the Gauge Blocks
- Check for burrs.

If necessary, use burnishing stone to remove any burrs.

## HOW TO USE

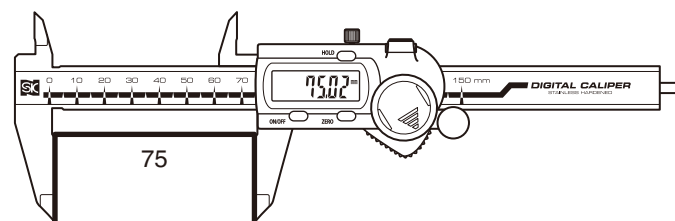
① **Clean the Caliper and Gauge Blocks.**

Using cleaning solution, wipe off any oils or dirt from measurement surfaces.

② **Make sure Gauge Blocks and Caliper are at same temperature.**

③ **Measure**

Place the measurement surfaces of the Gauge Block between the Outside Caliper Jaws and perform the measurement.



## CARE AND STORAGE AFTER USE

① **Clean Gauge before storage.**

Use a solvent moistened cloth to wipe off any dirt or oils from the measurement surfaces.

② **Storage**

Place in the provided rust preventive bag and store in a cool, dry place.

## MAINTANENCE

● Wear on the measurement surfaces will affect the dimension so please verify the dimensions regularly.

● Rate of wear greatly depends of frequency and conditions of use. Periodic inspection frequency should be determined based on your companies internal standards in order to insure accuracy.

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