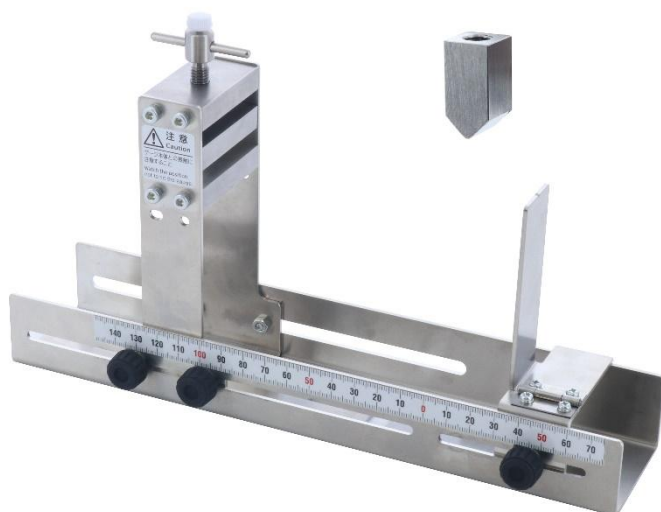


# Cantilever Bending Test Jig CBJ-200N

- Ideal for cantilever bending tests of samples such as cutlery, cotton swabs, toothbrushes, needles, and more
- Easy to adjust the pressing point of sample according to the scale
- Easy to set samples under the same conditions by the adjustment plate, increasing work efficiency
- Suitable for various samples up to 25mm thickness



CBJ-200N



CBJ-200N Testing Image  
(Cantilever bending test of cutlery)

How to use		
Align the center position for pressing	Adjust the pressing point of sample	Fix the sample


Specifications	
Model	CBJ-200N
Capacity	200N
The Max. Sample Width	50mm
The Max. Sample Thickness	25mm
Distance from Fulcrum to Load Applying Point (*1)	10~150mm
Probe Tip Radius	R1
Size	See [Dimension]
Weight (*2)	Probe + Extension Shaft: Approx. 45g    Base: Approx. 1065g
Mounting screw	M6

\*For accurate measurement, please make sure the sample bending angle is 45 degrees or less in the test.

\*Use a force gauge range of 20N or higher when the supplied extension shaft is used.

\*1 Use the supplied extension shaft when the distance from fulcrum to load applying point is lower than 40mm.

\*2 Weight of the attachment is also applied as a load on the force gauge. Consider it when selecting the capacity of a force gauge.




Examples of Product Configuration CBJ-200N	
<p><b>Example 1                      Code: 1C2009A</b></p> <p>It is for simple cantilever bending test up to 200N.</p> <p>Digital Force Gauge: DST-200N Motorized Test Stand: MX-500N Optional Attachment: CBJ-200N</p>	
<p><b>Example 2                      Code: 1C2009B</b></p> <p>This product configuration allows for the measurement of both force and displacement. Safety is considered with the use of a safety shield. Suitable for cantilever bending tests up to 200N.</p> <p>Force Displacement Analysis Unit: FSA-0.5KE-200N Optional Attachment: CBJ-200N Safety Shield: ST-SS</p>	

Example 2 Image

\* Refer to the specification of each product for details.

\* Product configuration varies depending on the shape and characteristic of the sample, and measurement conditions.






\* The recommended capacity of force gauge varies depending on the expected force to be loaded.

Mountable Force Gauge		
DST/DSV series	ZTS/ZTA series	FB/PS/PSM series
Digital force gauge with excellent cost-performance capable to manage data with PC	Digital force gauge with high precision, featuring high sampling rate and a variety of useful functions	Mechanical force gauge for easy handling
		

\* Refer to the specification of each product for details.

\* Select suitable force gauge to correspond with the mounting screws of attachment.

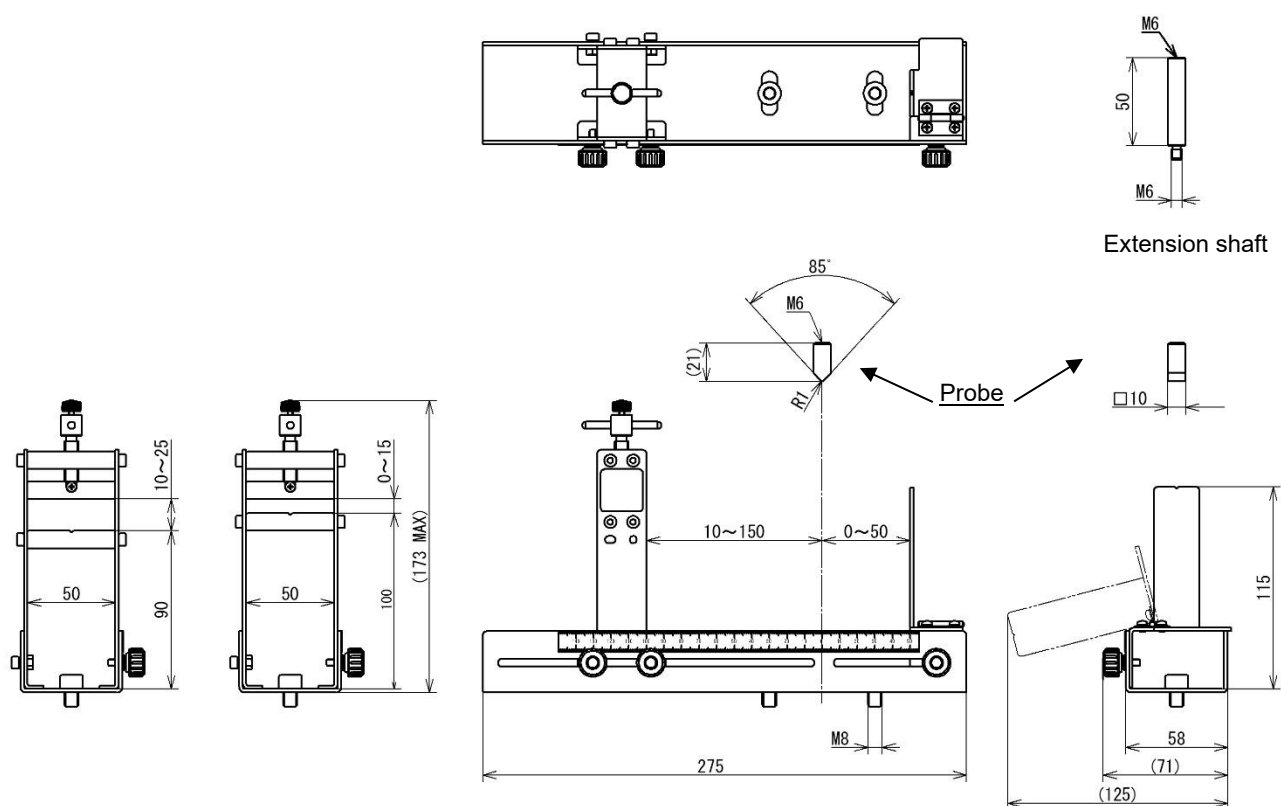
### [Related products]

3-point Bending Test Fixture BT-500N/5000N/5000N-CB	Compression Plate Jig A-40/60, S-40/40-SL/60	Pin Gauge PG series
A jig for three-point bending tests. The opening width of the support can be easily adjusted.	For top-load and crush resistance testing, available in Aluminum (A) / Steel (S).	A compression jig for locally compressing samples. Rod diameter of 2mm to 5mm available to fit your samples.
		
Safety Shield ST-SS	Interlocking Shield Option for Motorized Test Stand OP-MX2EMX-IC/OP-MX250-IC	
A safety shield put at the front of a test stand, protecting an operator from sample debris. The door can be locked.	An interlocking shield for the MX2 series and EMX series motorized test stand to enhance operator safety. When the door is opened, the stand ceases operation automatically. *1	
		

\* Refer to the specification of each product for details.

\*1 -CN option and safety setting of MX2 series are required to activate interlock function.

## [Dimension]



Unit: mm

## [Cautions]

- Information in this document is subject to change without prior notice.
- This document is product descriptions and handling precautions, and do not guarantee various characteristics or safety.
- This product is designed for force measurement purpose only.
- Do not copy and use this content without authorization.
- A force gauge (sold separately) is required to use this product.
- Some samples may not be suitable to measure with this product.

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