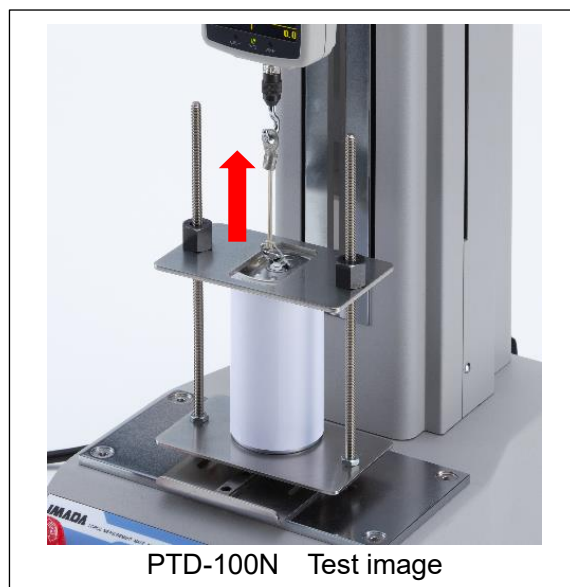


Can Opening Fixture PTD/PTF series

- Ideal for opening test of food can and beverage can.
- PTD-100N is for pull up test of beverage can. (Stay-On tab)
- PTF-100N is for pull up test of canned food container. (Full-Open tab)
- PTF-100N with sliding table design allows you to pull the ring straightly.



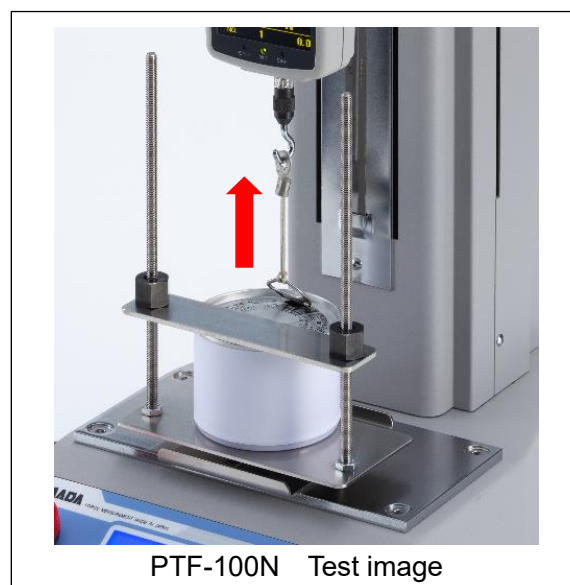
PTD-100N



PTD-100N Test image





PTF-100N






PTF-100N Test image

Fixture	Related Standard Reference
PTD-100N	- JIS S 0021-2:2018 Packaging-Accessible design-Ease of Opening (Corresponding part only) - ISO 17480:2015 Packaging-Accessible design-Ease of Opening (Corresponding part only)

* PTF-100N is not complied with JIS and ISO standards.

Installing for testing PTD-100N		
Set the sample.	Secure the sample with can holder.	Hook the pulling string to the small hook.
		



Installing for testing PTF-100N		
Set the sample.	Secure the sample with can holder.	Hook the pulling string to the small hook.
		

Specifications		
Model	PTD-100N	PTF-100N
Capacity	100N	
Maximum sample height	170mm	
Maximum sample width	90mm	110mm
Dimensions	See [Dimension]	
Weight of base part	Approx. 650g	Approx. 600g
Weight of Stein tab hook *1	Approx. 10g	
Mountable test stand	MX series/ MX2 series/ EMX series	



* Contact us when mounting to a test stand other than the models listed above.

* To attach the upper part of the fixture to a force gauge, A-1, S-1 or SR-1 is necessary.




*1 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 PTD-100N	
<p>Example 1 Code:1P2017A For simple tension strength test up to 100N</p> <p>Digital Force Gauge: DST-200N Motorized Test Stand: MX-500N *1 Optional Attachment: PTD-100N Optional Tray: PTW-10IN *2</p>	 <p>PTD-100N Example 2 image</p>
<p>Example 2 Code:1P2017B Complies with corresponding part of JIS S0021-2:2018 Packaging-Accessible design-Ease of opening</p> <p>Digital Force Gauge: ZTS-200N Motorized Test Stand: MX2-500N-V600 *1*3 Optional Attachment: PTD-100N Optional Tray: PTW-10IN *2 Software: Force Recorder Standard Optional Cable: CB-528</p>	
Examples of Product Configuration PTF-100N	
<p>Example 1 Code:1P2018A For simple tension strength test up to 100N</p> <p>Digital Force Gauge: DST-200N Motorized Test Stand: MX-500N *1 Optional Attachment: PTF-100N Optional Tray: PTW-10IN *2</p>	 <p>PTF-100N Example 2 image</p>
<p>Example 2 Code:1P2018B For functional and versatile tension strength test up to 100N</p> <p>Digital Force Gauge: ZTS-200N Motorized Test Stand: MX2-500N *1 Optional Attachment: PTF-100N Optional Tray: PTW-10IN *2 Software: Force Recorder Standard Optional Cable: CB-528</p>	



* Refer to specifications 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.
 *1 Depends on the height of the sample, long stroke version (-L) is necessary. Consider it when selecting test stand.
 *2 If the sample contents are expected to spill, PTW-10IN is recommended to use as a tray.
 *3 The speed range change (-V600) is required for JIS standard measurement.

Mountable Force Gauge	
DST/DSV series	ZTS/ZTA 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.
	

* Refer to specifications of the individual product for details.
* Select suitable force gauge to correspond with the mounting screws of attachment.

Related Products		
Torque Gauge DTX series	45 Degree Peeling Fixture P45-50N	Texture Analyzer FRTS
It is possible to measure opening/closing torque of a bottle.	The fixture is for peeling test of a cup container film.	The tester is ideal for measurement of firmness of food. Force analysis is capable by the included software.
		

* Refer to specifications of the individual products for details.

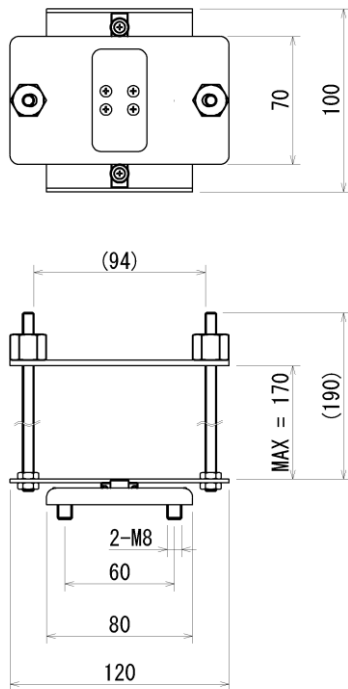
Optional accessory	
Optional Tray PTW-10IN	
The tray is put under the fixture when a content of a sample might splash.	
	

Attached image

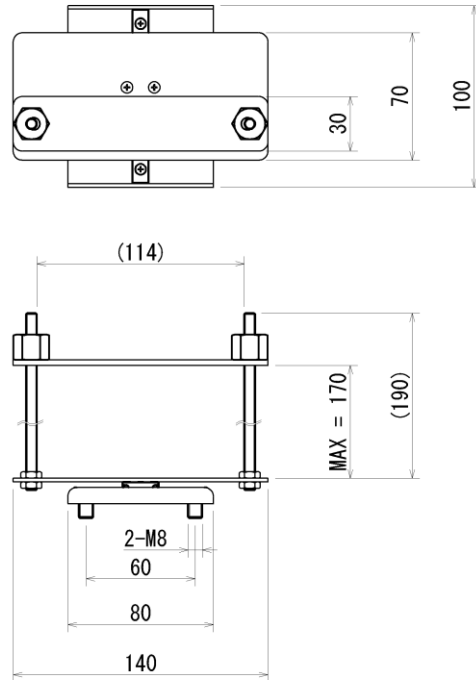
* It is designed to cover the test stand from splashed or flowed liquid. It does not guarantee for complete protection.

[Dimension]

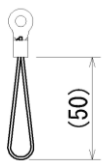
• PTD-100N



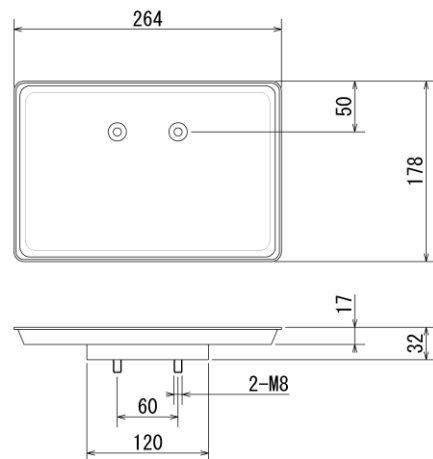
• PTF-100N



• Accessory : Pulling string



• Optional Tray : PTW-10IN (sold separately)



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.

IMADA CO., LTD.

99, Jinnoshinden-Cho, Aza, Kanowari, Toyohashi,

Aichi 441-8077, JAPAN

Tel: +81-(0)532-33-3288

Fax: +81-(0)532-33-3866

E-mail: info@forcegauge.net

Website: <https://www.forcegauge.net/en/>



Visit our website for more information on a wide range of product specifications, measurement applications and videos.