

Attachment for Probe Tack Test

MED-IS-20N

Designed for tack test of adhesives such as adhesive plaster
Complies with a part of ASTM Standard



The supplied adapter



Test Image

Related Standard	-ASTM D2979:2016 Standard Test Method for Pressure-Sensitive Tack of Adhesives Using an Inverted Probe Machine (Partly) -Japanese Pharmacopoeia 17th Edition: 6.12 Methods of Adhesion Testing."3.4 Probe Tack Testing"
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How to install test sample		
Adhere the sample to the weight ring	Hang the weight ring to the sample stage	Insert the pin to fix the sample stage to the adapter

Specifications	
Model	MED-IS-20N
Capacity	20N
Contact area	Diameter 5mm
Dimensions	See [Dimensions]
Weight *1	Approx.70g: when mounting the upper part to the force gauge
Mounting screw	M6
Accessories	Attachment adapter EJ6-1000N

*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	
Example 1 Code: 1I2001A ASTM D2979:2016 Standard Test Method for Pressure-Sensitive Tack of Adhesives Using an Inverted Probe Machine (Partly) For probe tack test up to 20N. Digital Force Gauge: ZTS-20N *1 Motorized Test Stand: EMX-500N Optional Attachment: MED-IS-20N Optional Cable: CB-528 *2 Optional Software: Force Recorder Standard	

* Refer to the specification of each product for details.

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

*1 The recommended capacity of force gauge varies depending on the expected force to be loaded. Refer to the below table.

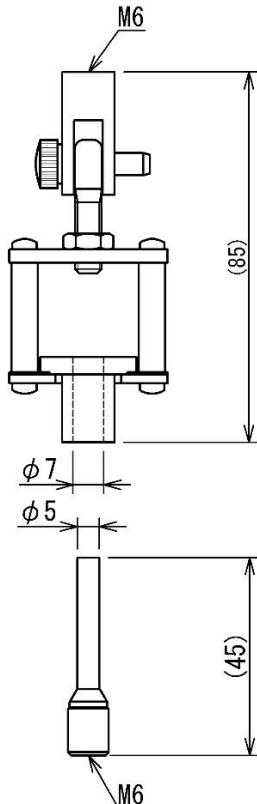
Force to be loaded	Capacity of force gauge
0.4 to 1.3N	2N
1N to 4.3N	5N
4N to 19.3N	20N

*2 It is necessary to activate the force control mode of force gauge by connecting the optional cable to meet the requirement of contact load which specified in Japanese Pharmacopoeia and ASTM standard.

Related Products		
High Speed Peeling Tester IPTS-20N/50N	Table for 90-degree peel test P90-200N	Table for 180-degree peel test P180-200N
Specialized for 180-degree peel test with high performance and a wide range of speed up to 1500mm/min.	Enables to keep the peel angle at 90-degree and measure the peel strength of sample such as adhesive tape.	Enables to keep the peel angle at 180-degree and measure the peel strength of sample such as adhesive tape.



[Dimensions]



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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