

Rotation Support Jig for DTXS/A SDT series




- Designed for DTXS/DTXA series
- Allows rotation of samples continuously by turning the handle
- Combine with attachments (separately sold) for various torque measurement
- Ideal for analyzing torque-angle relationship by using with an angle-meter



Rotation support jig for DTXS/A: SDT-5N-L



Setting image
(*The marked parts are sold separately.)


Testing image		
Opening torque measurement of screw caps	Torque test of small motors	Twist test of screen protective film
		

Specifications						
Model	SDT-5N	SDT-5N-L	SDT-5N-2L	SDT-5N-RA	SDT-5N-RA-L	SDT-5N-RA-2L
Features	Standard type			With angle-meter		
Capacity	5N-m (500N-cm)					
Maximum height of a sample (With HT-STL, DT-STL series)	145mm	245mm	345mm	145mm	245mm	345mm
Maximum height of a sample (With HT-ST, DT-TB series)	136mm	236mm	336mm	136mm	236mm	336mm
Weight	1094g	1181g	1313g	956g	1043g	1175g
Dimensions	See [Dimensions]					
Accuracy	-			+/- 0.2 degrees (*1)		
Angle measurement range	-			0.1 to 9999.9 degrees (*1)		

* Maximum capacity of this jig is 5N-m even when using with DTXS/A-10N.

* Since the rotation position does not move up and down, it is not suitable for samples such as a screw that moves up and down with rotation.

*1 DTXA series is required for analyzing torque-angle relationships.



Examples of Product Configuration SDT-5N	
<p>Example 1 Code : 1S4002A</p> <p>Functional and advanced torque test for capacity up to 5N</p> <p>Screw cap torque tester: DTXS-5N Rotation support jig for DTXS/A: SDT-5N Optional attachment: HT-ST</p>	 <p>SDT-5N-RA Product Configuration 1S4003 Image</p>
Examples of Product Configuration SDT-5N-RA	
<p>Example 1 Code : 1S4003A</p> <p>Analyzes torque-angle relationships for capacity up to 5N</p> <p>Screw cap torque tester: DTXA-5N Rotation support jig for DTXS/A: SDT-5N-RA Optional attachment: HT-ST Optional software: Force Recorder Professional</p>	

* Refer to the specification of each product for details.

* Product configuration varies depending on the shape and characteristic of the sample, and measurement conditions. Please contact us or authorized distributors for further details.

* The recommended capacity of torque gauge varies depending on the expected maximum torque value.

[Compatible Torque Gauges (separately sold)]

Standard Type Screw Cap Torque Tester DTXS series	High Functionality Type Screw Cap Torque Tester DTXA series
The standard model torque gauge having high measuring performance and high usability.	The advanced model torque gauge with various functions such as angle input/output and data saving to USB flash drive.
	

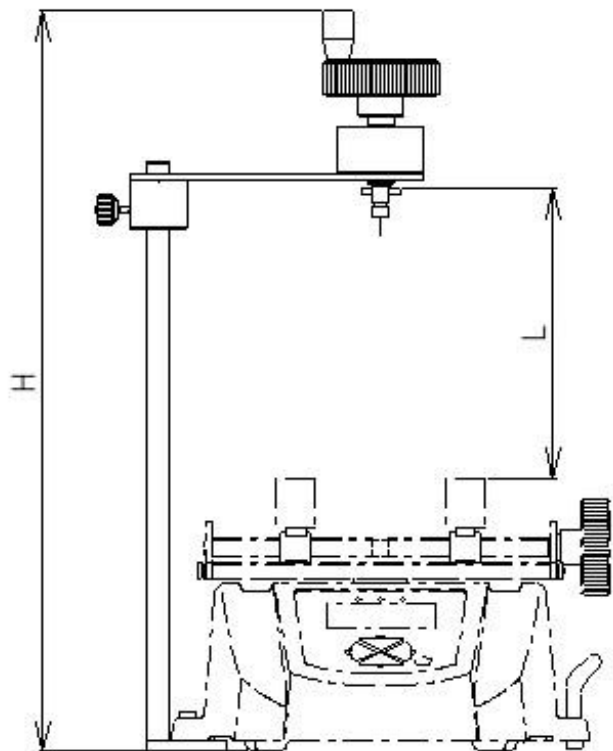
[Optional Attachments]

Small table HT-ST	Wide Table HT-STW	Light Weight Small Table HT-STL
A table attachment suitable for measuring small samples such as eye drops lids and padlocks.	Wide type of HT-ST capable of holding samples from $\phi 10$ to $\phi 100$.	Light weight table that can be attached to a torque gauge with maximum torque of 0.5 N-m. It reduces the effect of the attachment's weight, allowing for more precise measurement of small torques.
		
Light Weight Wide Table HT-STLW	Pin chuck DT-DC-6.5 and others	M10 adaptor HT-AD-M10
Wide type of HT-STL, capable of holding samples from $\phi 10$ to $\phi 100$.	Three claws clamp designed for samples such as wire and round-bar shaped samples.	An adaptor designed for mounting M10 attachments.
		

* Attachments for the HTGA/HTGS series can be installed. For more details, please refer to the specification "Attachment for HTGS/HTGA Series"

[Dimensions]

SDT-5N/SDT-5N-L/SDT-5N-2L (Standard type)

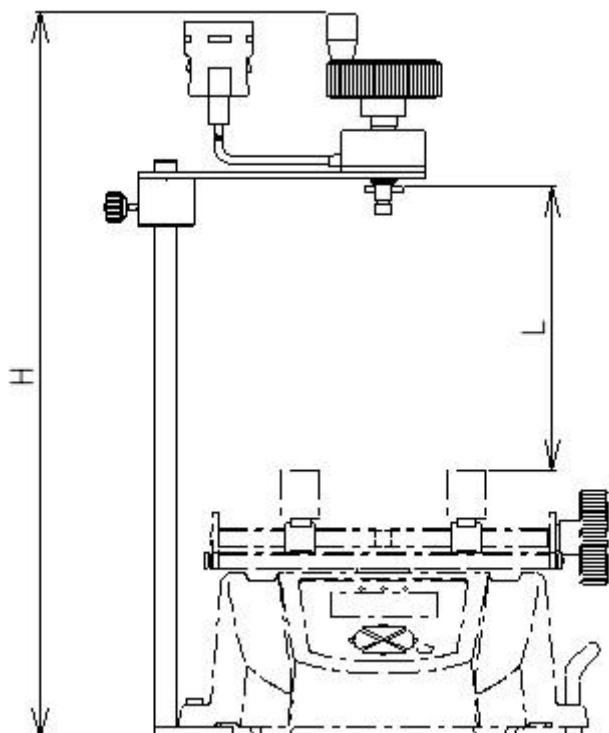


DTXS/A series (separately sold)

	H	L
SDT-5N	385	150
SDT-5N-L	485	250
SDT-5N-2L	585	350

Unit: mm

SDT-5N-RA/SDT-5N-RA-L/SDT-5N-RA-2L (With angle-meter)



DTXS/A series (separately sold)

	H	L
SDT-5N-RA	385	150
SDT-5N-RA-L	485	250
SDT-5N-RA-2L	585	350

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 torque gauge (sold separately) is required to use this product.
- Do not apply torque more than its capacity or from incorrect direction to the sensor.
- Do not use this product in the environments including fierce temperature changes, high temperature, high humidity, near water, dusty place.

IMADA CO., LTD

99 Jinnoshinden-cho aza Kanowari Toyohashi
Aichi Japan 441-8077
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.