

Rotation support jig for HTGS/A RSH series

- Manual rotation support jig for torque gauge HTGS/A series to measure torque in the horizontal direction
- Ideal for analyzing torque-angle relationships by using an angle-meter



RSH-5N



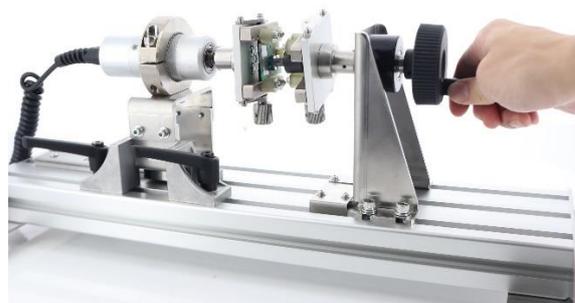
Setting image

Measuring Image

Torque measurement of a small motor



Torque measurement of a volume switch



Highly convenient	
The sample can be easily fixed and detached since the stage position is easily adjustable by lever.	

Accommodates a variety of samples	
<ul style="list-style-type: none"> - The sample of different sizes can be measured since the sensor position can move horizontally up to 105mm. - The stage allows smooth movement which is suitable for testing a sample such as a screw that moves back and forth due to rotation. 	

Specifications						
Model	RSH-5N	RSH-5N-EXT	RSH-5N-EXT2	RSH-5N-RA	RSH-5N-RA-EXT	RSH-5N-RA-EXT2
Features	Standard type			With angle-meter		
Capacity	5N-m (500N-cm)					
Maximum depth of a sample (With HT-ST,DT-TB series)	205mm	305mm	405mm	205mm	305mm	405mm
Weight	Approx. 5.1kg	Approx. 5.5kg	Approx. 5.9kg	Approx. 5.1kg	Approx. 5.5kg	Approx. 5.9kg
Dimensions	See [Dimensions]					
Accuracy	-			+/-0.2 degrees (*1)		
Angle measurement range	-			0 to 9999.9 degrees (*1)		

* Do not to apply torque more than 5N-m even when using HTGS/A-10N.
 * Select light weight attachment such as HT-STL and HT-STLW to mount to sensor side when using HTGS/A-0.5N.
 *1 HTGA series is required for measuring angle.

Examples of Product Configuration RSH-5N-RA		
<p>Example 1 Code : 1R4001A</p> <p>Analyzing torque-angle relationships for capacity up to 5N</p> <p>Handheld Digital Torque Gauge: HTGA-5N Rotation support jig for HTGS/A RSH series: RSH-5N-RA (Cable for angle output is included) Optional attachment: HT-ST 2pcs Optional software: Force Recorder Professional</p>	 RSH-5N-RA Example 1 Image	
Examples of Product Configuration RSH-5N		
<p>Example 1 Code : 1R4002A</p> <p>Functional and advanced torque test for capacity up to 5N</p> <p>Handheld Digital Torque Gauge: HTGS-5N Rotation support jig for HTGS/A RSH series: RSH-5N Optional attachment: HT-ST 2pcs</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. Contact us or authorized distributor for further details.
 * Depending on the sample characteristics, product configuration, and measurement requirements vary, contact our authorized distributor or us for more information.

Compatible Torque Gauges (separately sold)	
<p>Handheld Digital Torque Gauge HTGS series</p>	<p>Handheld Digital Torque Gauge HTGA series</p>
<p>The standard model torque gauge having high measuring performance and high usability</p>	<p>The advanced model torque gauge equipping various functions such as angle input/output and data saving to USB flash drive</p>

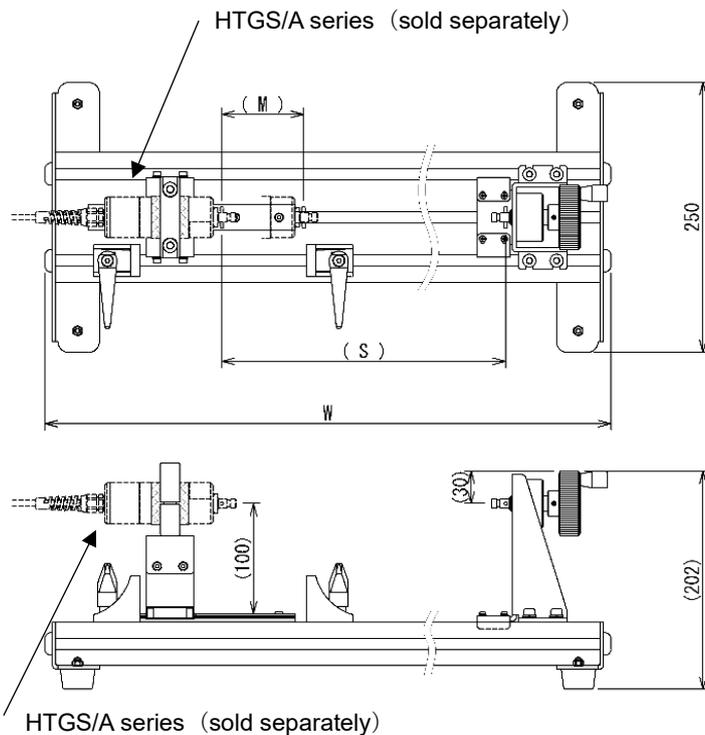
Related Products		
<p>Small table HT-ST</p>	<p>Small Table HT-STW</p>	<p>Light weight small table for HTG HT-STL</p>
<p>A table attachment suitable for measuring small samples such as eye drops lids and padlocks</p>	<p>Wide type of HT-ST capable of holding samples from $\phi 10$ to $\phi 100$</p>	<p>Lightweight table for 0.5N-m range to measure small force</p>
<p>Light weight wide table for HTG HT-STLW</p>	<p>Pin chuck HT-DC-6.5 etc.</p>	<p>M10 adaptor HT-AD-M10</p>
<p>Wide type of HT-STL capable of holding samples from $\phi 10$ to $\phi 100$</p>	<p>Suitable for clamping samples such as wire and round-bar due to its three claws</p>	<p>Adaptor for mounting M10 attachment</p>

Optional Accessories	
<p>Electric screwdriver adapter RSS-AD-ED</p>	<p>Retrofit angle meter kit RSS-AMK</p>
<p>Replace the handle part of RSH series to RSS-AD-ED to insert an electric screwdriver. It enables automatic rotation to improve testing efficiency. *It does not support high-speed rotation. Use an electric screwdriver at 300min-1</p>	<p>Mounting RSS-AMK to RSH-5N, RSH-5N-EXT or RSH-5N-EXT2 allows to become -RA specification and measure the torque-angle relationship.</p>

Custom-made Options	
Tension with weight: Measures torque while applying tension/compression force	
<ul style="list-style-type: none"> - This custom-made option allows for the measurement of torque while applying tension/compression force by hanging weights to evaluate torque transition influenced by tension/compression force change. - Optional table can be added to reduce the risk of dropping the weight. <p>*Torque-angle transition can be plotted when used with HTGA series and Force Recorder Professional.</p> <p><u>Application examples</u></p> <p>Compression-torque: Child resistant caps, press and turn keys, gas control knobs, etc.</p> <p>Tension-torque: Cables, etc.</p>	<p style="text-align: center;">Optional table image</p>

[Dimensions]

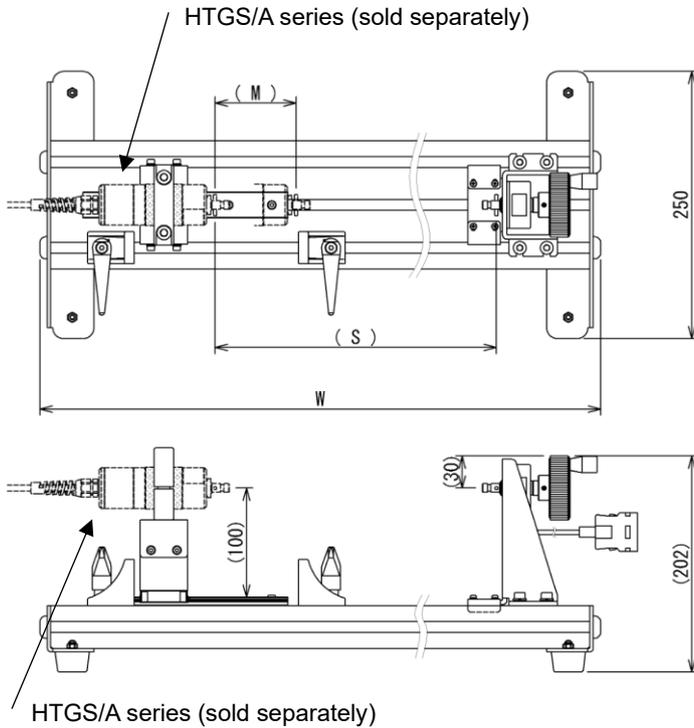
RSH-5N/RSH-5N-EXT/RSH-5N-EXT2 (Standard type)



	W	S	M
RSH-5N	520	290	105
RSH-5N-EXT	620	390	
RSH-5N-EXT2	720	490	

Unit: mm

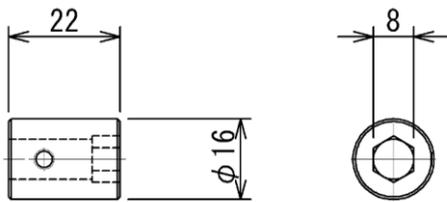
RSH-5N-RA/RSH-5N-RA-EXT/RSH-5N-RA-EXT2 (With angle-meter)



	W	S	M
RSH-5N-RA	520	290	105
RSH-5N-RA-EXT	620	390	
RSH-5N-RA-EXT2	720	490	

Unit: mm

RSS-AD-ED



[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.

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