

# Angle Meter Unit AMK series

Designed to measure torque-angle relationship by connecting with handheld digital torque gauge HTGA series



## How to install the attachments



Fix the angle meter unit to the torque sensor with hex wrench.



Fix the stay to the angle meter unit.



Mount the attachments to the measuring shaft.

Specifications		
Use	Standard	For low torque 0.5 to 2N-m
Model	<b>AMK-360</b>	<b>AMKL-360</b>
Accuracy	+/-0.2 degree (*1)	
Resolution	0.1 degree	
Angle measurement range	0.1 to 9999.9 degrees	
Length of cable	Approx. 1m	
Weight	Approx. 130g (excludes cable and connector) (*2)	Approx. 100g (excludes cable and connector) (*2)
Mountable Torque Gauge	HTGA series (HTGA-2N/5N/10N) eHT series (eHT-2N/5N/10N)	HTGA-0.5N/2N, eHT-0.5N/2N

- \* Custom-made stay (sold separately) is required to use the angle meter unit.
- \* Displacement type setting is required to measure angle. It can be done with the torque gauge, supplied software Force-Logger (previous model ZT-Logger) or optional software Force Recorder Professional.
- \*1 It is the accuracy of AMK(L)-360 only. It does not include the tolerance influenced by the torque gauge or attachments.
- \*2 Weight of angle meter unit, custom-made stay and attachments are also applied as a load on the torque gauge. The weight of attachment should be less than 10% of the torque gauge capacity.

Related products	
Handheld Torque-Angle Measurement Unit <b>TAA-HTG series</b>	
	<p>Designed for torque-angle measurement</p> <p>Included items:</p> <ul style="list-style-type: none"> <li>- Handheld digital torque gauge HTGA series</li> <li>- Angle meter unit AMK-360</li> <li>- Software Force Recorder Professional</li> </ul> <p>* Custom-made stay and attachments for torque measurement are required.</p>
Force-Displacement (Torque-Angle) Graphing Software <b>Force Recorder Professional</b>	
	<ul style="list-style-type: none"> <li>- For torque-angle graphing</li> <li>- Accurate graphing with high sampling rate (max. 2000Hz)</li> <li>- Displays up to 5 graphs in one table for comparison</li> <li>- Memo for conditions such as testing speed and attachments</li> <li>- Draws torque vs time graph</li> </ul>

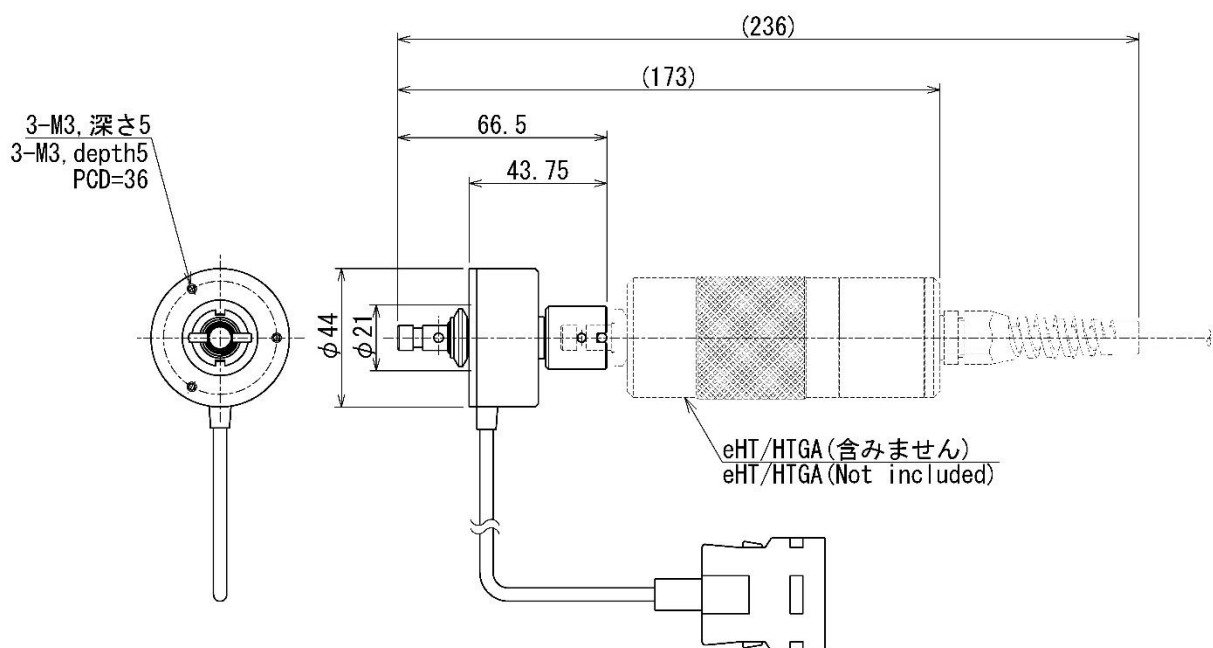
\* Refer to the specification of each product for the detail.

Examples of custom-made tay	
<b>2 legs type</b>	
	<ul style="list-style-type: none"> <li>- Suitable for use in limited space</li> </ul>
<b>4 legs type</b>	
	<ul style="list-style-type: none"> <li>- For stable torque measurement</li> <li>- When space is enough for fixing the 4 legs</li> </ul>
<b>Handle type</b>	
	<ul style="list-style-type: none"> <li>- When there is no space for fixing the leg</li> <li>- Lower accuracy of measurement due to handheld testing</li> </ul>

\* Custom-made stay is required to use the angle meter unit for torque-angle measurement.

\* We offer other custom-made solutions to meet your testing requirements. Contact us for details.

## [Dimension]



Unit: mm

## [Cautions]

- Specifications are subject to change without prior notice.
- A torque gauge or sensor (sold separately) is required to use this product.
- This product is designed for force testing only. Do not use it for any other purposes.
- The sensor breaks down when apply force to bend or twist the measuring shaft.
- Do not copy and use this content without authorization.

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