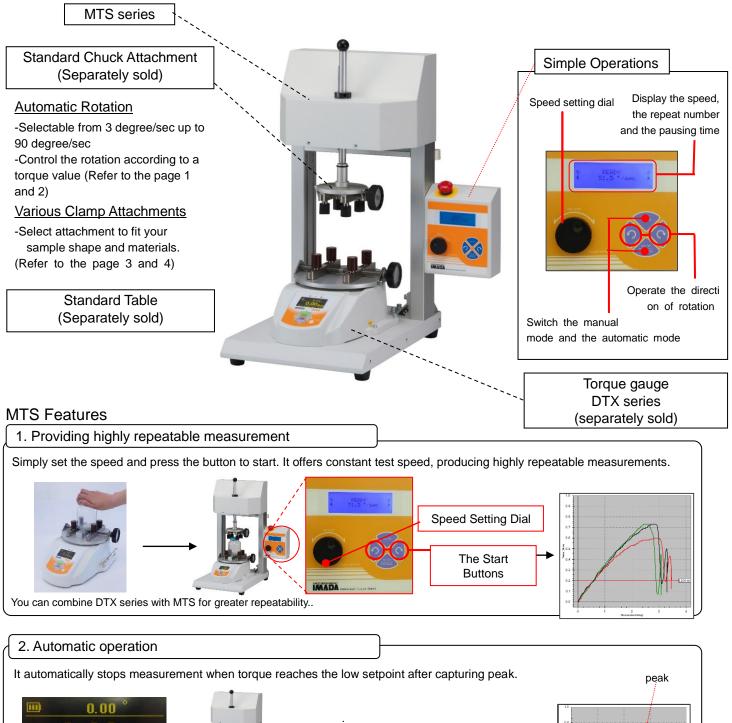
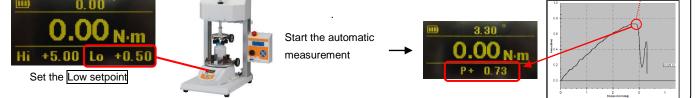
IMADA CO., LTD Motorize Torque Stand MTS series

Motorized Torque Stand MTS series

- It provides constant rotation speed, producing greater accuracy.
- It has a variety of measuring capabilities such as torque control functions and torque-angle measurements etc.
- We offer wide range of clamps / sample holding attachments to fit your sample's sizes, shapes and materials.



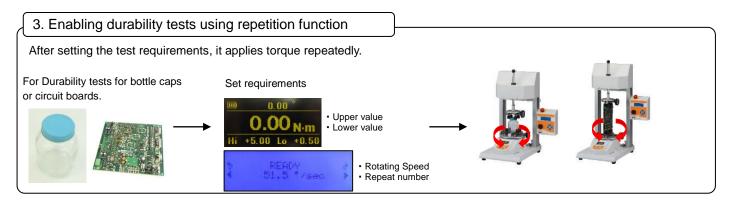


*You can perform a torque test partially in accordance with JIS C 8280:2011" Edison screw lampholders" using the measurement method above. Please feel free contact us for the detail if necessary. (Our service group telephone: +81-(0)532-33-3288)



IMADA CO., LTD Motorize Torque Stand MTS series

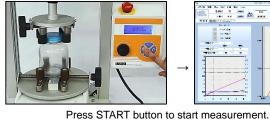


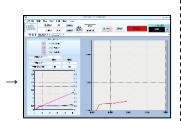


4.Making efficiency using software

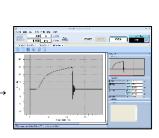
With a single touch of a button, you can start measurement and graph drawing, and save the record.

Start tests





Finish tests



When measurement is done, software also stops graphing at the same time.

[MTS series specification]

• •	•		
Capacity	10N-m		
Stroke	Refer to the dimensions		
Dimension(mm)	Refer to the dimensions		
Weight	Approx.14kg		
Speed range	3~ 90 degree/sec		
Function	Manual mode, JOG mode, Automatic mode(CONTINUOUS,ONE WAY) (*1),		
Function	Overload preventing function(*1), Speed adjustment		
Option	Rotary encoder option (*2) (-RA is at the end of the model)		
Voltage level AC100V ~ 240V , 50/60Hz , max 3A(*3)			
Available temperature	0 ~ 40 degree Celsius		
Available humidity	Less than 85%(No condensation)		
Accessories	Power cable, Torque gauge connecting cable (*4), Centering stick,		
	Spare fuse, Instruction manual, tools, Packing cardboard		

*1 Torque gauge should be connected with the cable (included)

Then software starts graphing at the same time.

*2 This option enables sending angle data to torque tester. It is factory fitted only. To save or check angle, you need a DTXA Torque tester and Force Recorder Professional software.

*3 Fuse may need changing, when used in a place other than country of purchase. Please contact us or your local distributor for the details.

*4 The cable differ by the model. Standard model \rightarrow CB-518, -RA option (equipping a rotary encoder) \rightarrow CB-728.



	MTS-10N	MTS-10N-L	MTS-10N-2L
Image			printing
Maximum sample height	140mm	240mm	340mm
Feature	For small samples	For middle size samples	For large samples
Recommended samples	Glass bottle of jam / eye drop bottle/ supplement bottles etc.	500ml or small PET bottle/ Feeding bottle etc.	More than 1.5 liter PET bottle etc.

"We can custom design and manufacture to meet your particular requirements. Please let us know the height you need. "You may need an extension shaft to measure a low sample using MTS-10N-L and MTS-10N-2L. Please see "How to select the extension shaft" below.

How to select the extension shaft

For MTS-10N-L

Sample height	Required extension shaft
130 to 240mm	No need
Lower than 130mm	MT-EXT (100mm length)

*Please see P' for the shaft's dimensions.

For MTS-10N-2L

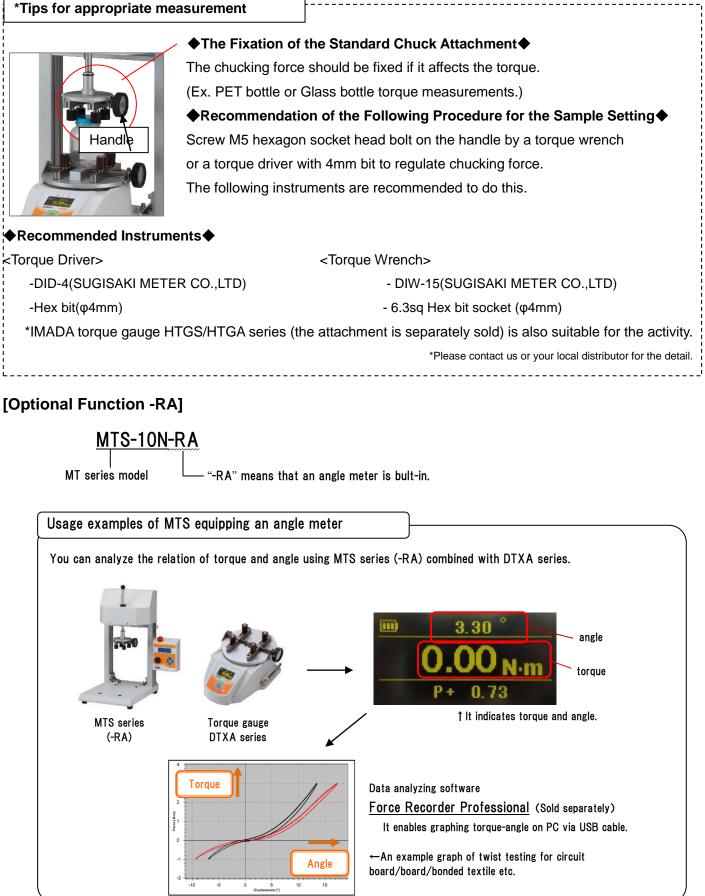
Sample	height	Required extension shaft
230 to 3	340mm	No need
130 to 2	230mm	MT-EXT (100mm length)
Lower th	han 130mm	MT-EXT2 (200mm length)

[Grips for upper side of MTS (Sold separately)]

Model	Standard chuck MT-TB	Small chuck(*) MT-ST	Pin chuck MT-DC-13 etc.	M10 adapter MT-AD-M10
Image				
Sample diameter	φ20~90mm	φ7~50mm	 MT-DC-13: L φ1.2~13mm MT-DC-6.5: M φ0.5~6.5mm MT-DC-6.5SUS: M (Stain-less) MT-DC-4: S φ0.5~4mm 	You can combine attachment having M10 female

*For further information, please see Specification of "Attachments for torque gauges" and "Tables for torque gauge". *We offer a few choice for pins





*We offer a package of MTS series (-RA) and a torque gauge DTXA series as TAA series. Please refer to Specifications of TAA series for further information.



[Compatible Torque Gauges (separately sold)]

Model	DTXA series	DTXS series	
Image			
Feature	The advanced model torque gauge equipping various functions	The standard model torque gauge having high measuring	
	such as angle input/ output and data saving to USB flash drive.	performance and high usability.	

[Table and Attachment for One (separately sold)] *These are for DTX series.

Model	Standard table(*1)	Small table(*2)	Pin chuck
	Model: DT-TB	Model: DT-ST	Model: DT-DC-6.5 etc.
Image			Rectansist

*1 The pin types are selectable.

*2 Please refer to the torque gauge table attachment specification for the detail.

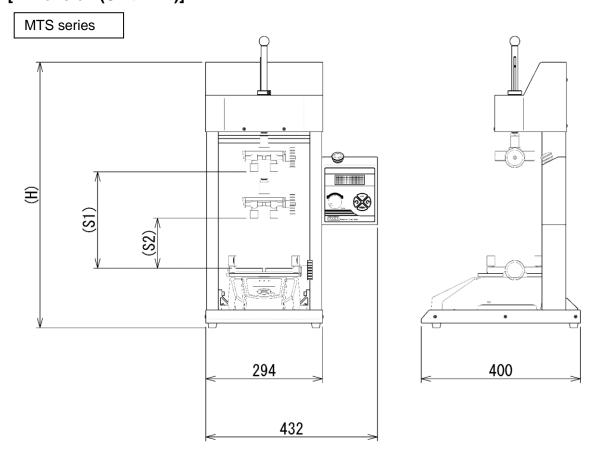
[Data Analysis Software: Force Recorder]

Image	Feature		
	 It draws smooth graphs of torque transition at high speed (Max. 2000 data/sec) via USB. It overlays Max. 5 graphs (Limited function of Standard or Professional type) You can write test requirements such as test speed, fixture, etc for each graph. It draws torque-angle graph using the following 3 items together: MTS series (-RA) Torque gauge DTXA Force Recorder Professional. 		

*Please refer to the each specification for the detail.

IMADA CO.,LTD Motorize Torque Stand MTS series [Dimension (Unit: mm)]



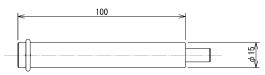


Model	Н	S1	S2
MTS-10N	575mm	140mm	30mm
MTS-10N-RA	575000	14011111	301111
MTS-10N-L	675mm	240mm	130mm
MTS-10N-L-RA	6751111	2401111	1301111
MTS-10N-2L	775mm	340mm	230mm
MTS-10N-2L-RA	7751111	5401111	2301111

*S1 and S2 are the stroke ranges when a standard attachment (sold separately) and a standard table are attached.

[Dimensions for Optional Extension Shaft (Unit:mm)]

Extension Shaft MT-EXT



Extension Shaft MT-EXT2



[Cautions]

- The contents may be changed without previous notice.
- All of the products are designed for measurement purpose only.
- Do not copy and use this content without authority.
- Please note if you add load over capacity or apply twist or side force, the sensor would be broken down.

Feel free to contact us if you have any concerns. Our service gr: +81-(0)532-33-3288