



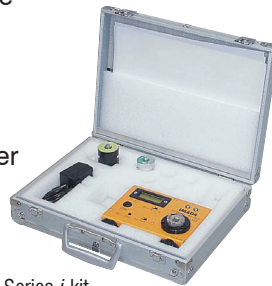
INNOVATIONS IN FORCE Measurement

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# Series *i* Torque Tester for Power Drivers & Wrenches

- Wide measuring range up to 130 lb-in
- lb-in, Kg-cm and N-cm (selectable)
- First Peak, Peak and Real Time measuring modes (selectable)
- Measure both clockwise and counterclockwise
- RS-232 output for SPC data acquisition
- Programmable automatic display reset
- Heavy-duty metal construction
- Runs on internal NiCad batteries or AC adapter
- 3/8" drive for socket wrenches
- 2 - driver adapters included:  
 i-8 & i-80 come with smart adapters,  
 CD-130 comes with conventional adapters.



Series / kit



Other types of fasteners can be used.



Smart Adapters included with i-8 & i-80

Spring Adapters included with CD-130

Imada's digital torque tester is ideal for calibrating power screwdrivers with torque control. It features peak mode to capture the peak torque achieved during a test, real time mode to display torque transients, and peak down mode to capture critical first peak value. Standard 3/8" drive is good for checking torque wrenches but not impact wrenches. All digital torque testers are sold in kit form complete with tester, hard carrying case, 2 smart driver adapters and AC charger/adapter. Do not use with impact tools (Ask for DI-1M impact wrench torque tester).

Series *i* ranges Accuracy:  $\pm 0.5\%$  F.S.,  $\pm 1$  LSD

Model	lb-in	Capacity (Resolution) kg-cm	N-cm
i-8	0.030~7.000 (0.001 lb-in)	0.03~8.000 (0.001 kg-cm)	0.03~80.00 (0.01 N-cm)
i-80	0.30~70.00 (0.01 lb-in)	0.30~80.00 (0.01 kg-cm)	0.3~800.0 (0.1 N-cm)
CD-130	1.5~130.0 (0.1 lb-in)	1.5~150.0 (0.1 kg-cm)	15~1500 (1 N-cm)

**Smart driver adapters.** Simulate screw tightening, eliminating the need for reversing the power driver which is required for spring adapters.

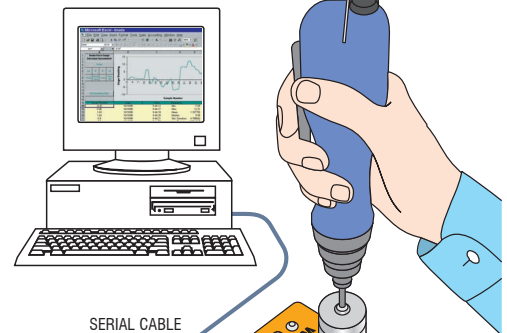
### Specifications — Driver Adapters (2 included)

Adapter	i-8				CD-130	
	Smart Adapters				Spring Adapters	
Model	OW-025E	OW-10E	OW-20E	OW-60E	SJ-50	SJ-100
Range lb-in	2	9	18	53	8~50	50~130
Screw on top	6-32	6-32	8-32	1/4-20	5/16-18	3/8-16
Operational life	10,000 hrs	8,000 hrs	5,000 hrs	5,000 hrs	2500 times	
Plug to socket	3/4" square x 5/32" (20 mm square x 4 mm)					

### Specifications — Optional Metric Smart Driver Adapters

Metric Smart Adapter	OW-025	OW-10	OW-20	OW-60
Screw on top	M2P0.4	M3P0.5	M4P0.7	M6P1

PC WITH SW-1 OR OTHER DATA ACQUISITION SOFTWARE



SERIAL CABLE

The torque readings displayed on torque testers may vary from the actual torque that a tool applies to a thread joint, because testers cannot always duplicate actual joint characteristics. Verify the torque output of the tool being used on the actual assembly, when critical assemblies are involved.

Specifications subject to change without notice.