

MARK-10 M7I Advanced Force or Torque Gauge Indicator User Guide

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M7I Advanced Force or Torque Gauge Indicator

OTHER MARK-10 PRODUCTS

A full line of force and torque measurement products and related items, including force gauges, torque gauges, force and torque test stands, sensors, grips, software, and more.



Force and torque measurement engineered better

Mark-10 Corporation

11 Dixon Avenue

Copiapue, NY 11726

888-MARK-TEN

Tel: 631-842-9200

Fax: 631-842-9201

www.mark-10.com

info@mark-10.com



Model M7I FORCE / TORQUE INDICATOR

Quick Start Guide

32-1213 1122

Model M7I Advanced Force/Torque Indicator

Thank you!

Thank you for purchasing a Mark-10 Model M7I Advanced Force/ Torque Indicator. We are confident that you will get many years of service from this product.

The M7I is designed to work with a wide range of Mark-10 Plug & Test® remote smart force and torque sensor. Please read through this Quick Start Guide and the complete User's Guide before using the gauge.

IMPORTANT SAFETY CONSIDERATIONS

Force and torque measuring instruments are sensitive and must be treated with care. Please review the safety information provided in the User's Guide prior to operating the indicator.

LIST OF INCLUDED ITEMS:

Qty.	Part No.				Description
	M7I	M7IE	M7IU	M7IA	
1	12-1049	12-1049	12-1049	12-1049	Carrying Case
1	AC1030	AC1031	AC1032	AC 1035	AC adapter w/US, EU, UK, or AUS prong
1	AC1118	AC1118	AC1118	AC1118	Rechargeable NiMH Battery (inside gauge)
1	–	–	–	–	Certificate of calibration
1	AC1111	AC1111	AC1111	AC1111	USB cable, type micro B to A

Quick Start Guide

OVERVIEW

To power on the indicator, press the button. Press and hold to power off. The indicator may be powered either by the internal rechargeable battery or an AC adapter/charger. The battery will last approximately 7 hours with the backlight turned on, and 24 hours with the backlight turned off before recharging is necessary.

The M7I indicator must be used with a Plug & Test® remote smart sensor. All configuration and calibration data is saved within the sensor's connector. Although the menu may be accessed if the sensor is not connected, changes will not be saved. Refer to the M7I User's Guide for further details.

LITERATURE & SOFTWARE DOWNLOADS

Download at: www.mark-10.com/downloads

1. User's guides (PDF)

Provided for all Mark-10 instruments. Locate the user's guide for this product and read it thoroughly before use.

2. USB driver

For Mark-10 instruments and the model RSU100 RS-232 to USB converter. Required for communication with a PC. Follow the installation instructions provided in the user's guide.

3. MESUR® family of software – see below.

INSTALLING MESUR® SOFTWARE

Mark-10 offers three data collection applications:

MESUR® Lite

Free basic data acquisition application, for data tabulation and exporting to Excel. Compatible with gauges only, not test stands.


MESUR@gauge / MESUR@gauge Plus

Data tabulation, graphing, analysis, and reporting, with user-configurable start and stop triggers and other tools. Compatible with gauges and test stands for load vs. time or load vs. travel. MESUR@gauge Plus adds test stand motion control coordination. Both applications can be evaluated for 90 days.

PC requirements

Compatible with PCs running Microsoft Windows 7 or later. Minimum monitor resolution is 1108 x 758. A USB or RS-232C serial port is required. If USB communication is required, install the Mark-10 USB driver.

Documents / Resources

	<p>MARK-10 M7I Advanced Force or Torque Gauge Indicator [pdf] User Guide M7I, M7I Advanced Force or Torque Gauge Indicator, Advanced Force or Torque Gauge Indicator, Force or Torque Gauge Indicator, Torque Gauge Indicator, Gauge Indicator, Indicator</p>
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References

- [M Mark-10 Force and Torque Measurement](#)
- [M Resources | Mark-10 Force and Torque Measurement](#)