INSTALLING MESUR® SOFTWARE

MESUR® Lite

www.mark-10.com/mesur-lite-download-form/

Free basic data acquisition application, for data tabulation and exporting to Excel.

MESUR®gauge

www.mark-10.com/mesur-gauge-download-form/

Data tabulation, graphing, analysis, and reporting, with user-configurable start and stop triggers and other tools. Compatible with all Mark-10 instruments. Free 90-day evaluation.

USB driver

www.mark-10.com/downloads/software-downloads/Mark-10-USB-Driver.zip

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.

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.

LITERATURE & SOFTWARE DOWNLOADS

Download user's guides, data sheets, software, solid models, and more.

www.mark-10.com/resources

M A R K - 1 O

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Series **EK3**

Ergonomics Kits

Quick Start Guide

M A R K - 1 O

Thank you!

Thank you for purchasing a Mark-10 Series EK3 Ergonomics Kit. Please read through this Quick Start Guide and the complete force gauge User's Guide before using this kit.

IMPORTANT SAFETY CONSIDERATIONS

Force gauges are sensitive instruments that must be treated with care. Please review the yellow safety information card included in the box.

LIST OF INCLUDED ITEMS:

Qty.	Part No.	Description	EK3-100	EK3-200	EK3-500
1	M3-100	Force gauge, 100 lbF / 50 kgF / 500 N	✓	-	-
1	M3-200	Force gauge, 200 lbF / 100 kgF / 1000 N	-	✓	-
1	M3-500	Force gauge, 500 lbF / 250 kgF / 2500 N	-	-	✓
1	08-1022	AC adapter body with US, EU, UK, or AUS prong		✓	
1	AC1118	Battery (inside the gauge)		✓	
1	AC1111	USB cable, type micro B to A		✓	
4	10-1023	Thumb screw, #6-32 X 1/2		✓	
1	10-1021	Hex jam nut, #10-32	✓		-
1	10-1108	Hex jam nut, 5/16-18	-		✓
1	AC1003	Double handle grip for Series 3/2		✓	
1	AC1003-1	Single handle grip for Series 3/2		✓	
1	G1019	Padded attachment, square		✓	
1	G1020	Padded attachment, rectangular		✓	
1	G1021	Padded attachment, curved		✓	
1	G1029	Flat attachment, #10-32F	✓		-
1	G1036	Flat attachment, 5/16-18F	-		✓
1	G1112	Padded attachment, circular		✓	
1	12-1032	Carrying case, large		✓	

INSTALLING ACCESSORIES

Double and Single Handles

Attach the force gauge to the double handle grip (AC1003) or single handle grip (AC1003-1) by mating the male dowel pin in the cradle to the corresponding hole in the rear of the force gauge housing.

Then, fasten the gauge to the cradle with four included thumb screws (10-1023), as shown at left.

Attachments

Ergonomics attachments G1019, G1020, G1021, G1029, G1036, and G1112 thread onto the load cell shaft of the Series 3 force gauge.

Fasten the attachment onto the shaft, as shown at left.

Do not overtighten the attachment, or load cell damage can occur!

The attachments may freely rotate on the shaft, thereby self-adjusting to the shape of an object. However, if a fixed position is desired, use an included jam nut, as follows:

1. Rotate the jam nut as high as possible up the load cell shaft.

2. Rotate the attachment up to the jam nut, then back off until the desired position. Tighten the nut against the attachment. Friction between the nut and attachment body will prevent the attachment from loosening as shown at left.