

# Portable, Wireless Metrology System

Wireless. Portable. Affordable.

MobiGage is a uniquely integrated metrology system for MicroScribe digitizers. Quickly collect validation data and precision measurements, and accomplish a wide range of other inspection and verification tasks using this highly mobile tool.

## HANDHELD



## WIRELESS



## METROLOGY



# MobiGage®

## PRODUCT OVERVIEW

### A New Metrology Paradigm

Introducing MobiGage, the first handheld wireless metrology application. Installed on an Apple® iPhone® or iPod touch®, MobiGage uses wireless communication to manage data collection from one or more MicroScribe® systems linked to a MobiBox® Silver interface. No other computer is needed. This is the ultimate tool for portable, untethered measurement.

### Industry Standard Metrology

With MobiGage you can easily and quickly capture a full range of part measurements, or create, edit and run repeatable measurement plans complete with reporting. The intuitive graphical interface is organized and presented to lead you smoothly through familiar metrology processes. At any time you can review and edit the data you collect. No previously available system is as convenient and easy to use. MobiGage follows industry-standard measurement methodology including NIST & PTB fitting, ANSI Y-14.5 GD&T, RPS alignments, and Modifiable HTML tabular AS9102 reporting.

### Wireless Flexibility

MobiGage communicates wirelessly with your MicroScribe M or MicroScribe G series portable digitizer via MobiBox Silver. You do not need a separate computer – by connecting directly to the USB port of MobiBox Silver your MicroScribe system becomes a freestanding wireless device. Because each MobiBox Silver has a unique ID, you can even run multiple MicroScribe systems and MobiGage handhelds concurrently in the same work environment.

### Fast, Scalable Measurement

Setting up MobiGage and your MicroScribe system takes as little as two minutes, making it easy to take quick measurements for verification and reverse engineering.

The ability to create and store complete measurement plans means you have the capacity to accurately repeat even complex measurement regimens. Having the capacity to run concurrent devices provides the adaptability to set up and collect data from multiple MicroScribe systems stationed in a production area, and for multiple people to collect data simultaneously.

### Highlights

- Handheld and wireless portability
- No additional computer needed
- Concurrent use of multiple handhelds and MicroScribe systems
- Industry-standard measurement and reporting
- Intuitive, graphical interface
- Scalable metrology
- Custom probe calibration

### System Details

The MobiGage system requires an existing Apple iPhone or iPod touch and a MicroScribe M or MicroScribe G digitizer. An iPod touch 8gb handheld is available from Revware Systems as an option. Installation of MobiGage on your iPhone or iPod touch requires an iTunes account. An iTunes card is included with purchase for the required download of MobiGage to your handheld device. One MobiBox Silver with an external power supply is provided. When used with a MicroScribe G system, the power supply included with your MicroScribe G may be used to power both the MobiBox Silver and the MicroScribe G via its USB connection to the MobiBox Silver. The user guide is provided on CD and includes step-by-step instructions for setting up and using your MobiGage system. The MobiBox Silver wireless interface is CE and FCC certified, and comes with a standard one year warranty against material defects.

# MobiGage®

## PRODUCT FEATURES

### MOBIBOX SILVER



MobiBox Silver Specifications	
WiFi	802.11g
Antenna	External
USB	2.0
Dimensions	1 x 3 x 4.9 in (25.4 x 76.2 x 123.8 mm)
Weight	0.56 lb (0.26 kg)
Operating temperature	-40°F to 158°F (-40°C to 70°C)
Compliance	FCC, CE, RoHS



MobiGage Software



Alignments



Features



Connection

### OPTIONAL IPOD TOUCH



### Included Accessories

- MobiGage software download
- iTunes download card
- MobiBox Silver
- 5v universal power supply
- User guide on CD

### Optional Accessories

- iPod touch 8gb

### For more Information

Revware Systems, Inc  
 Phone: 919.790.0000  
 Fax: 919.790.9110  
 Email: [mobigage@revware.net](mailto:mobigage@revware.net)  
 Web: [www.revware.net](http://www.revware.net)

### About Revware Systems

Revware Systems develops software and hardware technologies which improve the way people collect physical information key to their business process. Revware Systems MicroScribe products are the fast, flexible way to capture 3D measurements from a physical model. MobiGage software and the wireless MobiBox Silver interface provide a portable highly configurable solution to your measurement and part verification needs.

