

Easy. Affordable. Portable. Each MicroScribe G system provides a cost-effective alternative to traditional coordinate measurement machines (CMMs) for industrial modeling, reverse engineering, and spatial alignment. The system supplies appropriate accuracy for a wide range of applications in an easy-to-use articulated arm with seamless integration with many popular metrology, reverse engineering, and 3D design software applications.

G2LX - G2X



PRECISION MADE



ONE HAND USE



MicroScribe® G

PRODUCT OVERVIEW

The Right Tool and Price

The MicroScribe G2 system was developed to provide graphic artists, animators, video game developers, industrial designers, engineers, and scientists a three-dimensional digitizer with the best combination of functionality and affordability. The result is a highly refined product that looks and feels at home on the desktop while providing the performance of a precision industrial instrument. The MicroScribe G portable measurement system provides accuracy appropriate for a wide range of modeling and data capture uses within design, industrial, medical and reverse engineering applications. MicroScribe G systems work with physical objects of any shape, size, and material. Just trace over the contours of a physical object, and you can build complex 3D datasets in a matter of minutes. Now you can have the 3D data collection efficiency of a high-end CMM at a very affordable price.

Fast, Efficient, Solid

The MicroScribe G system is a precision-built aircraft aluminum and carbon fiber tool designed for quick, balanced movements. Smooth action and one-hand operation makes it easy to complete measurement jobs faster while improving accuracy. The counter-balanced and intuitive articulation of the arm allows you to quickly position the stylus into even small spaces. Optional tips further support fast and accurate measurement of many parts and materials.

Setting up the MicroScribe G system takes as little as five minutes. The USB port provides both a high speed data connection and power for the system, producing a highly portable digitizing solution when

combined with a laptop computer. The MicroScribe G is designed to be used on your desktop. You can choose to bolt the base to a work surface for greater stability.

With the fast operation and ease of use provided by the MicroScribe G system, you can do more projects in-house and avoid the increased cost and protracted turnaround associated with outsourcing.

Software Solutions

The MicroScribe G system seamlessly integrates with many graphics, industrial design, modeling, measurement and inspection software packages. Unlike other measurement devices that provide limited third-party software integration, MicroScribe technology frees you to choose the software that's right for your business. In addition, MicroScribe Utility Software (MUS) allows data acquisition for some applications that do not provide native support. An available software developer's kit (SDK) provides all of the utilities and information needed to create unique programs and utilities. Visit our web site at www.revware.net for the most up-to-date compatibility list.

Highlights

- The right accuracy at the right price
- Available in five or six degrees of freedom
- Fast and easy, click-and-go operation – minimal training needed
- Portable – weighs as little as 7.9 pounds (3.6 kg)
- Optional case for easy travel
- Optional mounting hardware, tripod and accessories

MicroScribe® G

PRODUCT FEATURES

USB 2.0 CONNECTION



6 DEGREE OPTION



ACCESSORIES



OPTIONAL CARRY CASE



MicroScribe System	G2X	G2LX
Reach	25 in (.63m)	33 in (.84m)
Work sphere diameter	50 in (1.27m)	66 in (1.67m)
Degrees of freedom	5,6	5,6
Position Accuracy	+/-0.009 in (0.23 mm)	+/-0.012 in (0.30 mm)
Weight	7.9 lb (3.6 kg)	9.0 lb (4.1 kg)
Universal power supply	(100V – 240V)	
Connectivity	USB 1.1 / RS-232C Serial up to 115 kps	
OS compatibility	Windows 2000, XP	
Operating temp	59 to 95°F (15°C to 35°C)	
Storage temp	-4 to 158°F (-20°C to 70°C)	
Operating humidity	10-90% non-condensing	

Included Accessories

- MUS utility software
- Limited manufacturer warranty
- Certificate of Calibration
- USB and serial cables
- Universal power supply (with country-specific IEC cable)
- One point tool tip
- Hand switch
- User's guide

Optional Accessories

- Additional probes
- Rugged carry case
- Dual foot pedal
- Mounting plate
- Tripod
- Work surfaces
- Software
- Annual recertification

For more Information

Revware Systems, Inc
 Phone: 919.790.0000
 Fax: 919.790.9110
 Email: microscribe@revware.net
 Web: 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. The MicroScribe M family of portable measurement systems offers superb flexibility and metrology-level accuracy at the right price for many reverse engineering, inspection, and modeling projects.



MicroScribe G2X

