



Immersion

MicroScribe® G2 Desktop Digitizing Systems

In developing the MicroScribe G2 system, it was Immersion's goal to provide graphic artists, animators, video game developers, industrial designers, engineers, and scientists a 3D 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 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 G2 system is constructed from the highest quality components using precise aluminum housings, lightweight graphite links, and state-of-the-art electronics to provide years of trouble-free digitizing. The mechanical arm is carefully counter-balanced to allow effortless manipulation.

The Fastest Way to Create in 3D

MicroScribe technology provides a fast, reliable, and easy-to-use method for creating accurate 3D computer models. Just trace over the contours of a physical object and build complex 3D datasets in a matter of minutes. MicroScribe systems work with physical objects of any shape, size, and material. A variety of software packages provide the solutions you need to get up and running in no time.

Software Support

To take advantage of MicroScribe technology, you can either use a dedicated digitizing software application or use one of many software drivers that link the MicroScribe G2 system to existing 3D graphics applications. Each of these options allows you to create complex 3D models using points, lines, polygons, splines, NURBS, or other standard geometric entities. Graphical datasets can be saved as dxf, IGES, obj, txt, 3ds, and nearly any other file format your software can export. You can even use the MicroScribe G2 system to control camera views, set light source locations, and define animation trajectories in real-time.

Compatible Software

3D Modeling/ Animation/ Rendering Software

- 3ds max
- LightWave 3D
- Autodesk VIZ
- Maya
- form • Z

CAD/CAM/Inspection Software

- SolidWorks
- Pro/ENGINEER
- AutoCAD
- solidThinking
- Delcam PowerSHAPE
- Mastercam
- CADKEY
- Rhino 3D

Immersion Software

- MicroScribe Utility Software
- Software Development Kit (PC and Mac)

Specifications

Workspace:

- MicroScribe G2 50" sphere
- MicroScribe G2X 50" sphere
- MicroScribe G2L 66" sphere
- MicroScribe G2LX 66" sphere

Accuracy (100 point ANSI sphere):

- MicroScribe G2 0.015" (0.38 mm)
- MicroScribe G2X 0.009" (0.23 mm)
- MicroScribe G2L 0.017" (0.43 mm)
- MicroScribe G2LX 0.012" (0.30 mm)

Footprint: 6" x 6"

Interface: RS-232 / USB 1.1

Requirements:

Available serial or USB port on any PC or USB port on any Mac

Versatile Base:

Sits on a desk, mounts on a tripod, or attaches to any surface.

Immersion also offers the MicroScribe MX product line providing higher accuracy at an affordable price.

About Immersion Corporation

Founded in 1993, Immersion Corporation develops hardware and software technologies that improve the way people interact with digital devices. The Immersion digitizing products enable engineers and animators to quickly create 3D models of physical objects.

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