



Immersion

In developing MicroScribe™ G2, it was Immersion's goal to provide graphic artists, animators, video game developers, industrial designers, engineers, and scientists a 3D digitizing system 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 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.

MicroScribe™ G2

Desktop Digitizing Systems

The Fastest Way to Create in 3D

MicroScribe 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 works 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, you can either use a dedicated digitizing software application or use one of many software drivers that link MicroScribe G2 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 MicroScribe G2 to control camera views, set light source locations, and define animation trajectories in real-time.

Compatible Software

3D Modeling/Animation/Rendering Software

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

CAD/CAM/Inspection Software

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

Immersion Software

- MicroScribe Utility Software
- Software Development Kit

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 port on any PC, Mac, or SGI/UNIX, or USB port on any PC

Versatile Base:

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

About Immersion Corporation

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

For more information

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