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**Video animation system generates 3-D images on IBM PC**

Cubicomp Corporation's PictureMaker is a high-performance video animation system that generates three-dimensional images on an IBM Personal Computer. The system enables users to create solid models of most shapes in more than 65,000 colors, as well as 3-D titles, logos, and computer-generated storyboards. A motion-scripting capability permits instant previewing before an animated sequence is recorded.

With an IBM PC, Cubicomp's CS/16 16-bit frame buffer, and PictureMaker, users can create a character, logo, or any 2-D shape on the screen and extrude or sweep it about an axis to form a 3-D wireframe. These wireframe models can be rendered into high-quality shaded images with smoothly curved surfaces, shines, true perspective, and translucency. Users can alter the direction of the light and create more realistic images with multiple-point light sources, depth intensity, cueing, and surface-edge antialiasing.

PictureMaker also provides animators with motion scripting to move rendered objects through user-defined paths in 3-D space. Speed and direction of the object can be controlled and then the scripted motion in real time can be previewed prior to recording.

Cubicomp’s frame buffer offers full Genlock capability, accommodating NTSC and PAL line rates. A video key channel feature permits the mixing of video signals for the simultaneous display of video and computer-generated images.

The PictureMaker software is operable in two software modes, 16-bit full color and 12-bit color map, maintaining a full 512X512 resolution in each. It is priced at $24,950. Cubicomp Corporation is located at 3165 Adeline Street, Berkeley, CA 94703; (415) 540-5733.

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