The Olympus IX70 is an inverted microscope equipped for bright field, phase contrast, and epi-fluorescence. It is enclosed within an environmental chamber capable of controlling both temperature and relative humidity. It is equipped with a Uniblitz shutter on the epifluorescence system, computer controlled activation of the transmitted light.
illuminator, a Bioptechs live cell stage system for live cell imaging, a BioPrecision motorized stage and motorized focus with linear encoders controlled by a LEP MAC5000 controller. Image capture is by a Hamatsu ORCA CCD camera. The system is controlled by an Apple IMAC computer using Improvision’s Open Lab software.

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