

### *Automated videomicroscope*



This is an automated microscope (Zeiss Axiovert 200 M) equipped with a temperature- and gas-controlled culture cell (Zeiss large scale Cell Observer), a motorized deck and a camera (Roper Micromax). The whole system is driven by the MetaMorph software (Universal Imaging). This videomicroscope is adapted for the observation of cell cultures in 6- and 12-well plates during several days, using white or fluorescent lights. It covers 1 to 122 fields in distant or neighbouring wells (mosaic images). It is a very flexible system well adapted to long term recording of the neurite outgrowth and to experimentations in toxicology.