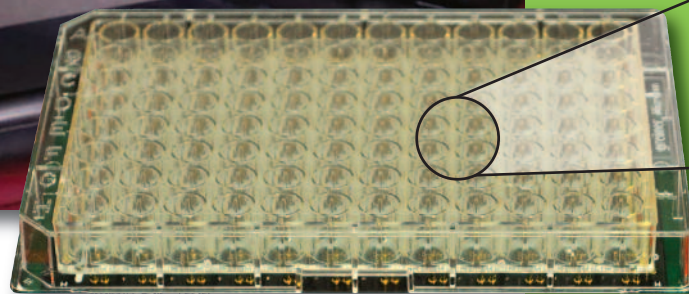
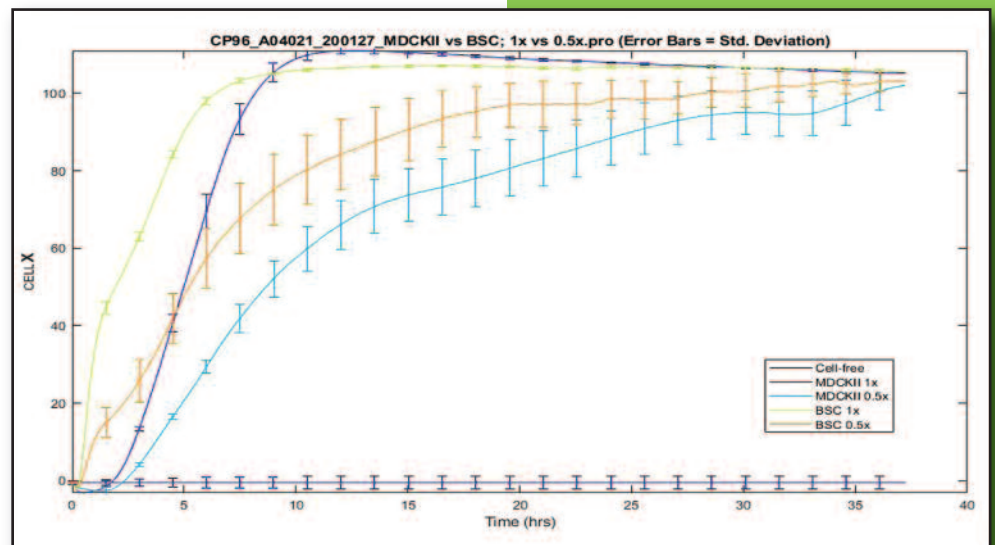


ECIS[®] CP96 Cell Population Monitoring System

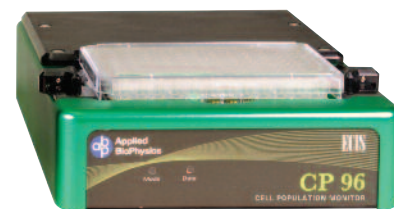
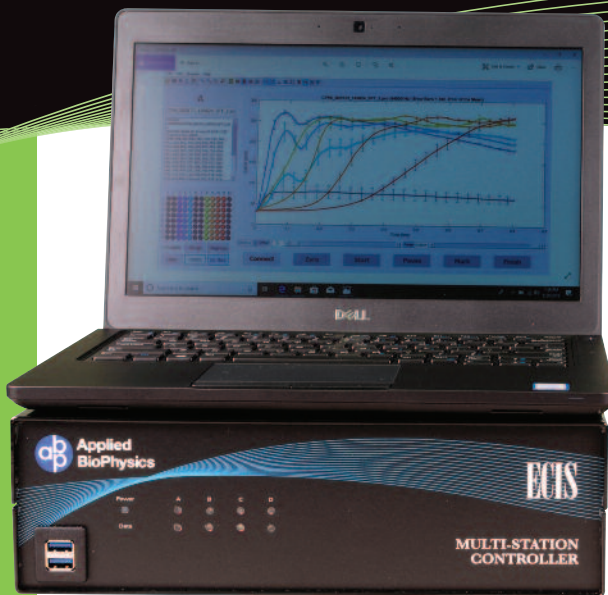


- Proliferation/Cytotoxicity
- Continuous measurements
- Label free
- Automated
- Real-time data
- Incubator compatible
- User friendly software



CP 96

CELL POPULATION MONITOR



The complete turn-key CP96 system provides a means to carry out reproducible, label-free, automated cell proliferation and cytotoxicity measurements. Cells are grown in a normal CO₂ tissue culture incubator, and data are reported as real-time changes in CellX (percent cell coverage). The system is based upon the ECIS® (Electric Cell-substrate Impedance Sensing) technology where cells are grown upon electrodes carrying very weak AC signals. In the CP96 instrument, the impedance data is automatically analyzed to directly report percent of cell-substrate coverage. These non-invasive measurements can be made for days and even weeks with no need to remove the station from the incubator, eliminating unwanted temperature and pH variations.

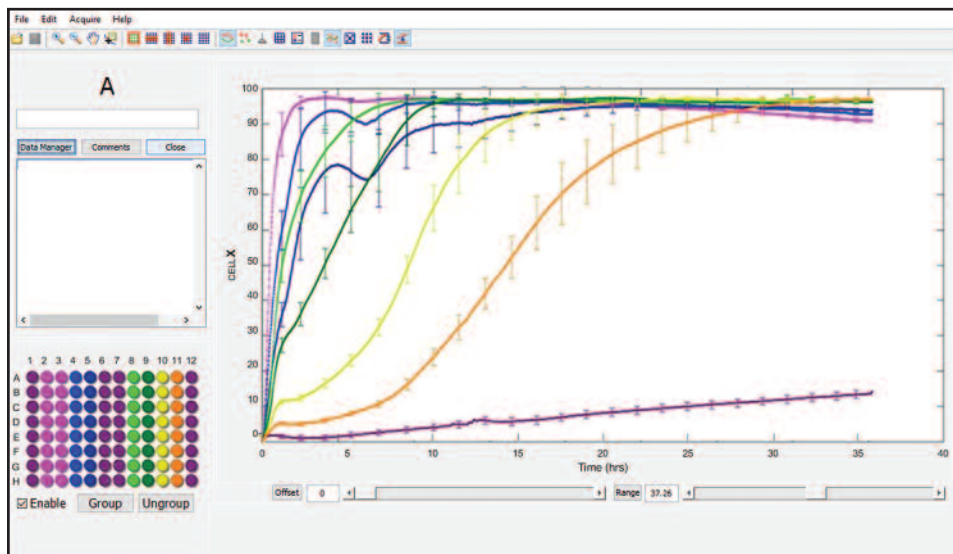
The CP96 system is ideal for monitoring and quantifying real-time changes in both cell proliferation dynamics as well as the response of established cell monolayers to cytotoxic compounds.

Specifications

- Measures reactance at 48 kHz
- Power: <10 watt, 120/240 V ac
- Station: 25.5 x 18 x 4.5 cm, 2.3kg
- Controller: 30.5 x 25.4 x 9.8 cm, 4.5 kg
- Windows 10

System includes

- 96-well Station
- Station Controller
- Laptop PC
- ECIS CP96 Software
- Validation Test Array
- 6 Consumable CP96 arrays



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