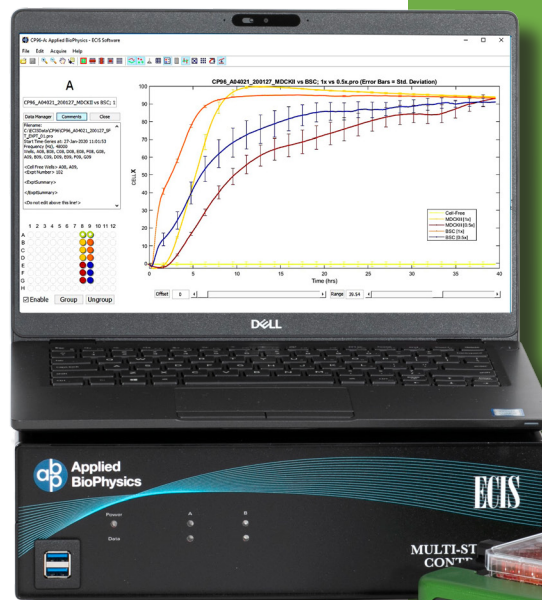




- Proliferation/Cytotoxicity
- Label-free
- Automated
- Continuous Measurements
- Real-time Data
- Incubator Compatible
- User Friendly Software
- EC50 Calculator

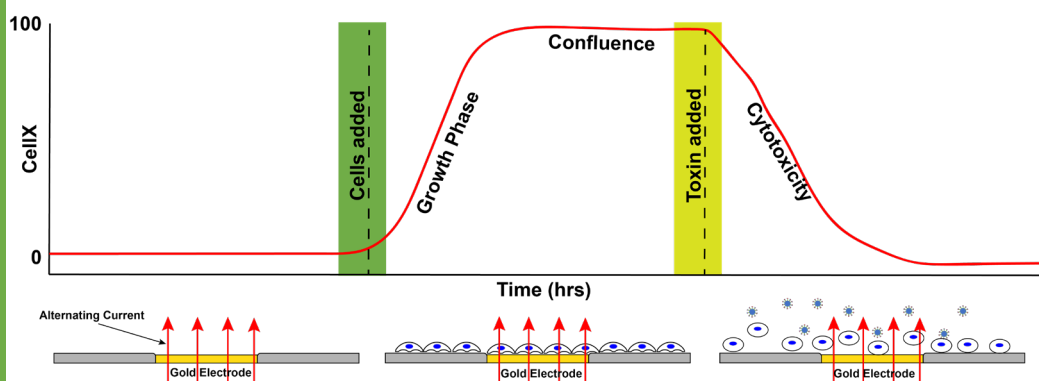


ECIS[®] CP96

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 cells 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 cytotoxic responses.

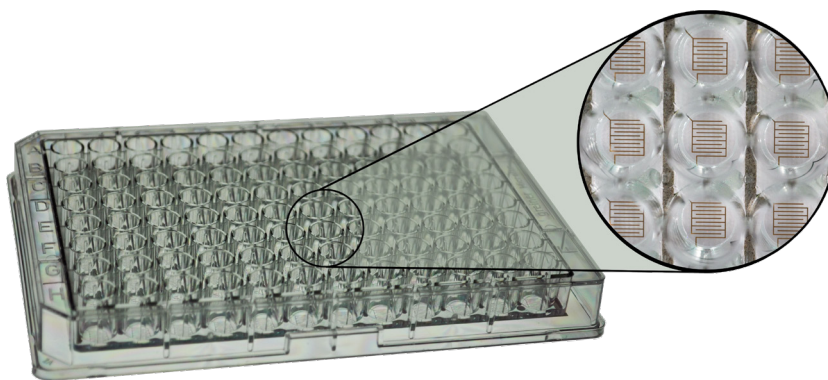


Specifications

- Measures CellX at 48 KHz
- Uses ECIS[®] 96W20idf Arrays
- Power: <10 watt, 120/240 V
- Station: 25.5 x 18 x 4.5 cm
- Controller: 30.5 x 25.4 x 9.8 cm
- Windows 10

System includes

- ECIS[®] 96-well Array Station
- ECIS[®] Station Controller
- Laptop PC w/ECIS[®] Software
- Validation Test Array
- ECIS[®] 96W20idf Arrays



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