



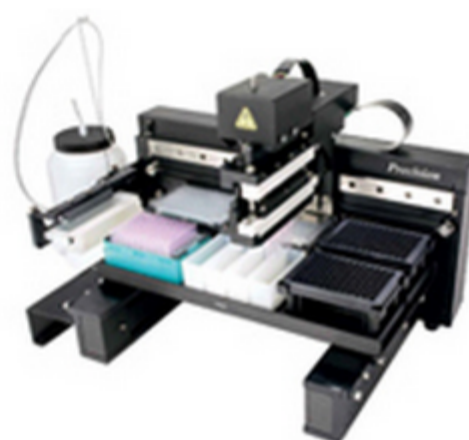
## Se você deseja automatizar seu laboratório para pipetar, lavar microplacas e dispensar reagentes, conheça os equipamentos abaixo:

Life scientists are well aware of the many advantages afforded by the use of microplates as assay vessels. Their ability to miniaturize and automate assays in rapid fashion makes them indispensable laboratory products. However, the addition of samples and reagents can be laborious. Thus workflow automation using liquid handling devices that dispense into and aspirate from microplate wells is used in many labs. BioTek instruments provide levels of automation for various needs and budgets that predominantly target the pain points in assay work flows.

### Precision Microplate Pipetting System

The **Precision™** is a pipette tip-based automated pipettor that is useful for applications involving 96- and standard 384-well microplate densities and a lower throughput – typically 1 or 2 plates per experiment. It has been used to dispense cells and reagents for applications in:

- [Antibody Dependent Cell-mediated Cytotoxicity](#)
- [Profiling Compounds for Cytochrome P450 Inhibition](#)
- [Mitochondrial Toxicity](#)
- [Histone Deacetylase Profiling](#)



### EL406 Microplate Washer Dispenser

The **EL406™** provides fast, full plate washing along with three reagent dispensers in one, compact instrument. It is particularly well suited to cell-based assays using adherent cells in microplates ranging in densities from 96- to 1536-wells. The EL406 can seed cells, perform media exchanges, wash cells and add reagents. When combined with the BioStack3 microplate stacker, it can process up to 50 microplates in a campaign. It has been used in a wide number of cell-based applications, including these:

- [Cell-Based Drug Absorption Assays Using Permeable Support Systems](#)
- [Multiplexed Cytochrome P450 Induction Assays](#)
- [Cell-based Kinase Assays](#)



### MultiFlo Microplate Dispenser

The **MultiFlo™** is a bulk dispenser offering up to four reagents dispensed in parallel with one compact instrument. A choice of either peristaltic pump or microprocessor controlled syringe drive technologies is provided. The MultiFlo is a good choice for medium to high throughput applications involving biochemical or cell-based assays. It can dispense into 6- to 1536-well density plates and again be used with BioStack3 to process large number of microplates. It has been used in the following applications:

- [Biochemical Epigenetics Assay Screening](#)
- [Cell-based GPCR Screening](#)
- [Cell-Based Cytochrome P450 Inhibition Assays Using Hepatocytes in Suspension](#)

