

Fluent Liquid Handler



The Fluent Liquid Handler is a state-of-the-art automated liquid handler designed to streamline workflows, optimize assay precision, ensure consistency, and free staff up for more valuable tasks. It has exceptional liquid level detection and dead volume reduction to conserve samples and reagents, as well as fantastic low-volume pipetting. The customizable modular system known as the Patented Dynamic Deck™ is equipped with a **QInstrument BioShake**, **Tecan Hydrospeed**, **Tecan Tevacs**, and **GFPickolo Colony Picker**. It is controlled with **FluentControl**, a user-friendly software with a drag-and-drop interface to create programs that are executed at a push of a button. There is real-time monitoring to see progress, as well as error-notifications.

QInstrument BioShake



The BioShake Q1 is the ideal and most effective thermoshaker for 48/96/384 well microplates. It has fully adjustable temperature and mixing between -20°C and 99.9°C and from 200 rpm to 3,000 rpm respectively. The temperature accuracy is better than $\pm 0.2^{\circ}\text{C}$ with surface uniformity better than $\pm 1.0^{\circ}\text{C}$. It has a patented locking mechanism ensuring safe and effective mixing even at the highest frequencies.

Tecan Hydrospeed

Fluent, Q instrument Bioshake, Tecan Hydrospeed, Tecan Tevacs, and GFPickolo Colony Picker.

Referece Documentation

fluentoperatingmanual.pdf

fluentreferencemanual.pdf

fluentliquidhandler-guide.pdf

From:

<https://bpm-wiki.cnsi.ucsb.edu/> - NSF BioPACIFIC MIP Wiki

Permanent link:

<https://bpm-wiki.cnsi.ucsb.edu/doku.php?id=lbf-fluent&rev=1729288785>

Last update: **2024/10/18 21:59**

