



## Fluent™ Laboratory Automation Solution for compound management

Streamline your workflow with unrivalled speed and flexibility



# Designed specifically for compound management

Tecan's groundbreaking Fluent platform brings unsurpassed performance in everything, so we've engineered a compact automatic liquid handler with unmatched plate capacity. Discover an instrument that's simple, efficient... and fluent.

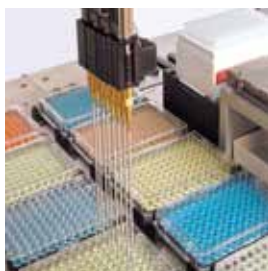
## 1 Maximize productivity in a compact footprint

- High-capacity Stacker or random access Carousel for plates and nested disposable tips
- Dynamic Deck is easily configured and reconfigured for plate reformatting, hit picking, tube-to-plate transfers, plate stamping and more



## 2 High pipetting precision and accuracy

- Plate replication and serial dilutions below 0.5 µl
- Flexible Channel Arm works with fixed or disposable tips
- Fixed tips allow sample integrity through piercing
- System priming with DMSO for fast dispensing



## 3 Optimum speed and efficiency for every arm movement

- Patented Path Finder™ technology automatically calculates the shortest and fastest path for all arms and adjusts to changing deck conditions, such as plate or tip stack heights
- Teach-free 96-, 384- and 1,536-well plate formats
- Zero-G one-touch teaching for third party devices

## 4 Smarter, simpler operation with FluentControl™ software

- Touchscreen for daily operation
- Worklisting and barcode reading to define hit picking protocols for the Flexible Channel Arm
- Smart Commands enable easy and fast programming
- 3D simulation enables safe runs without risk or waste of valuable compounds
- Automatic trough switching on empty ensures longer walkaway times
- Step-by-step script execution speeds up and simplifies workflow development



ed speed and flexibility to plate formatting and copying. Throughput and accuracy on solution with three arms that work in parallel across a Dynamic Deck™ offering breaks the language of your laboratory, making compound management more simple,



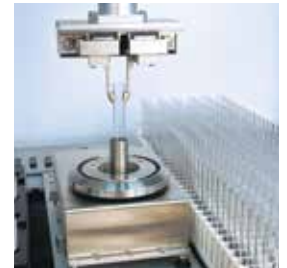
**5 Performance-optimizing Multiple Channel Arm**

- Automatic head adapters exchange between 96- and 384-channel fixed and disposable tip formats
- Row- and column-wise pipetting and multiple tip arrays to suit any application



**6 Versatile plate or tube handling**

- Robotic Gripper Arm provides rapid, smooth movement of plates between the workdeck, storage modules and third party devices, e.g. flatbed 2D readers or sealer
- Tube fingers allow efficient tube, vial or bottle handling



**Enhance process security and audit trails**

- 1D and 2D barcode reading capabilities
- Fully integrated and automated scanning of microplates and 2D tubes for simple sample tracking
- Software-driven monitoring of samples through every step



**A better way to manage compound management**

Compound dissolution	Library maintenance	Assay plate preparation
DMSO addition Weighing	Reformatting Tube-to-plate transfers	Daughter plate generation Hit picking Serial dilutions for IC <sub>50</sub> /EC <sub>50</sub>

Optimal  
**capacity.**  
 Optimal  
**throughput.**  
 Optimal **results.**

**FLUENT**  
 480



Plate positions: 30

**FLUENT**  
 780

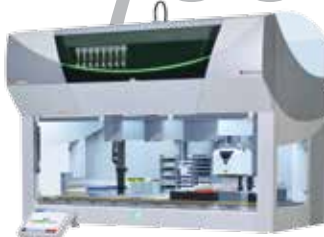


Plate positions: 48

**FLUENT**  
 1080



Plate positions: 72



## Discover the Fluent Laboratory Automation Solution for compound management

To see Fluent in action and learn how it speaks the language of your laboratory, contact your nearest Tecan office or visit [www.tecan.com/fluently](http://www.tecan.com/fluently)

### Tecan—Who we are

Tecan ([www.tecan.com](http://www.tecan.com)) is a leading global provider of laboratory instruments and solutions in biopharmaceuticals, forensics and clinical diagnostics. The company specializes in the development, production and distribution of automated workflow solutions for laboratories in the life sciences sector. Its clients include pharmaceutical and biotechnology companies, university research departments, forensic and diagnostic laboratories. As an original equipment manufacturer (OEM), Tecan is also a leader in developing and manufacturing OEM instruments and components that are then distributed by partner companies. Founded in Switzerland in 1980, the company has manufacturing, research and development sites in both Europe and North America and maintains a sales and service network in 52 countries.

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