

AVAILABLE SPRING 2025

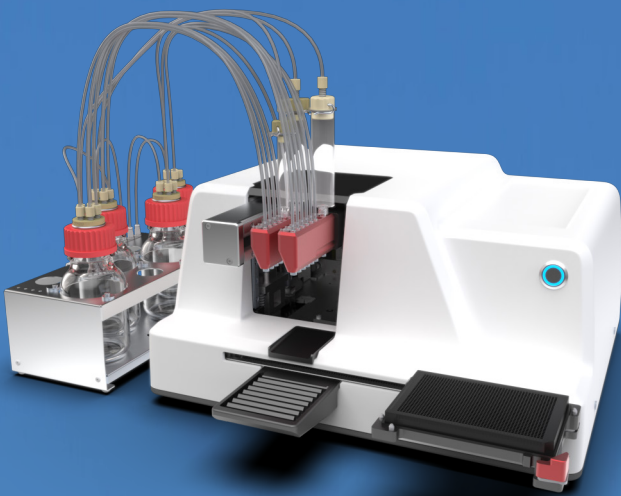


We are excited to announce the release of a **REDESIGN** of our **CERTUS FLEX**. Our engineers worked tirelessly to increase the functionality, speed and accuracy and improve the flexibility and overall user experience of our dispenser.

**INCREASED NUMBER
OF INDIVIDUAL
DISPENSING CHANNELS**

**BACK-FLUSH FUNCTIONALITY
TO DECREASE DEAD
VOLUMES AND PREVENT
SEDIMENTATION IN TUBES
AND VALVES.**

**ON-THE-FLIGHT DISPENSING
RESULTING IN GREATER
DISPENSING **SPEED** WITHOUT
LOSING **ACCURACY****



Alongside the main improvements, the complete inside and outside of the device was overhauled:

- **Exhaust-air separation** – no contamination from exhaust-air to fluid container
- **More precise regulation of air-pressure** for even more accurate dispensing
- **Leak detection** for air-pressure and fluids
- Better dispensing process monitoring due to **improved sensory**
- **Improved chemical resistance** case and waste tray
- **Bus compatibility** for improved modularity with FGAG peripheral devices
- Certified international **CB-conformity**
- Integrated functionality for **built-in stirrer**
- **Modular design**
- **Latest gen. electronics** at the core
- **Dispensing head ID detection** for easier management
- **Built-in valve detection**
- **Well-plate detection sensory**
- **Improved travel path** on Z-axis
- **Pressure on/off button**



COMPARISON MATRIX

KEY FEATURES

	CERTUS FLEX	CERTUS FLEX REDESIGN
Individual dispensing channels	8	16
Max. well plate height	55 mm	75 mm
Integration interface	✓	✓
More precise regulation of air-pressure	✗	✓
Certified international CB-conformity	✗	✓
Latest gen. electronics at the core	✗	✓
Straight dispensing head	✓	✓
Angled dispensing head	✓	✓
Mixed (straight/angled) dispensing head	✗	✓
Stirring dispensing head	✓	✓
Stirring control	manual	integrated
Volume range	50 nl - ∞	50 nl - ∞
Wide range of viscosities	✓	✓
All SBS well plate format	✓	✓
High chemical resistance	✓	✓
Improved chemical resistance case and waste tray	✗	✓
Foot print (WxDxH in mm)	425 x 564 x 189	425 x 510 x 217
Built-in air supply	✗	✓
Pressure on/off button	✗	✓
On-the-fly dispensing	✗	✓
Leak detection	✗	✓
Valve detection	✗	✓
Well plate detection	✗	✓
Exhaust air separation	✗	✓
Absolut timer	✗	✓
Improved sensory *	✗	✓
Bus compatibility for improved modularity *	✗	✓
Dispensing head ID detection	✗	✓
Back flush	✗	✓

* upgradeable after product launch

