


HydroFlex – Typical performance values

Parameters	Characteristics
General	
Display unit	Liquid crystal display with two rows of sixteen digits
Keyboard	Four key membrane keyboard
Number of dispensing channels	1-, 2- or 4-channels
Manifold types	8- or 16-way for parallel processing of 8- or 16-wells,
Variable	
Volume of solution dispensed	50 – 3000 µl in 50 µl steps for washing 50 – 400 µl in 50 µl steps for dispensing
Dispensing accuracy	≤ 1.2 % (300µl dispense volume, dispense rate: 3, 8-way manifold).
Dispensing uniformity CV	≤ 2.5 % over the plate (300µl dispense volume, dispense rate: 3, 8-way manifold).
Residual volume	Crosswise aspiration: ≤ 1.8 µl per well (96-well, flat-bottom Greiner® plate) (Asp. Rate: 3; Asp. time: 4 sec; Head speed: 10 mm/sec; 8-way manifold)
Vacuum range	High level vacuum filtration: -150 to -850 mBar absolute pressure Low level vacuum filtration: -50 to -150mBar absolute pressure
Interface	USB
Shaking	Linear shaking; high-, medium- and low-setting
Power	
Supply	Auto sensing for the settings 100 – 120 V or 220 – 240 V, 50/60 Hz
Consumption	65 VA
Physical	
Outside dimensions for plate washing	Width: 27.5 cm, Depth: 36.6 cm, Height: 18.1 cm
Weight	6.6 kg
Colour	

The instruments adhere to applicable safety standards to date.

Tecan – Who we are

Tecan is a leading global provider of life science laboratory instruments for the biopharmaceuticals, forensics, clinical diagnostics and academic sectors, specializing in the development and production of automation and detection solutions, including microplate readers, microarray products and washers.

Founded in Switzerland in 1980, Tecan has manufacturing, research and development sites in both North America and Europe, and maintains a sales and service network in 52 countries. To date, Tecan has distributed approximately 20,000 microplate readers worldwide, and is committed to continuous technological improvements and compliance with the highest global quality standards.

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