

6.2 Technical specifications

Sampling

Sample capacity <i>96-well microplate (Low/High)</i> <i>384-well microplate</i> <i>48-vial adapter</i>	Direct filling or 96 micro vials Direct filling or 384 micro vials 48 vials
Maximum total plate height	47 mm (plate + vial + cap/sealing)
Minimum total plate height	12.5 mm (plate + vial + cap/sealing)
Vial dimensions (cap included)	Maximum vial height: 47 mm Minimum vial height: 12.5 mm
Loop volume	5–1000 μl
Dispenser syringe	100 μl ¹ , 250 μl , 500 μl , 1000 μl ²
Plate detection	Missing plate detection by vial sensor
Headspace pressure	Built-in compressor
Switching time injection valve	Electrically < 100 ms
Piercing precision needle	± 0.6 mm
Wash solvent	100 ml internal wash solvent bottle
Wetted parts	PEEK, PTFE, glass, Tefzel, aluminum ceramic and inert polymer

¹ Standard in Autosampler A-905 for Ettan.

² Standard in Autosampler A-905 for ÄKTA.

Analytical performances

Reproducibility	RSD \leq 0.3% for flushed loop injections RSD \leq 0.5% for partial loopfill injections, injection volumes > 5 μl (5 μl sample, 100 μl sample loop, \leq 2.5 MPa) RSD \leq 1.0% for μl pick-up injections, injection volumes > 5 μl
Memory effect	< 0.1% with programmable needle wash
Cooling capacity	Max. 12 °C below ambient temperature (T) for 16 °C < T < 40 °C

Physical data

Dimensions (W x D x H)	280 × 400 × 440 mm
Weight	26 kg

Electrical data

Power supply voltage	100–240 V~, 50–60 Hz
Power requirement	250 VA
Fuses For 100–120 VAC For 220–240 VAC	Two 5.0 AT-fuses (slow, "x", UL/CSA) Two 2.5 AT-fuses (slow, 5 × 20 mm, IEC 127)

Communication

Serial communication port	UniNet-1
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Environment

Working condition	+4 to +40 °C 20–95% relative humidity
Sound pressure level	< 70 dB (A)
Installation category	Category II, according to IEC 1010
Pollution degree	Degree 2, according to IEC 1010