

Liquid Transfer Module—For XL100/XL200



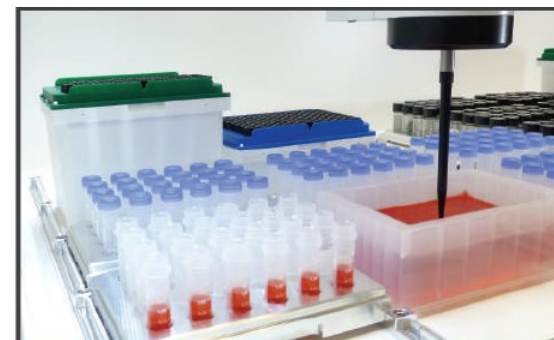
Liquid Handling

Aspirate or dispense in 7 seconds per vial

For automated liquid handling routines, a Tecan Cavro ADP pipetting module is fitted to an additional Z-axis on the XL100 or XL200. It uses air displacement technology or conductive tips to aspirate and dispense fluids.

- Tecan Cavro ADP single channel electronic pipette module
- Pipette is controlled by a separate z-axis
- Auto-load and auto-eject pipette tips
- Conductive tips provide liquid level sensing
- Aliquot and dispense from any tube, vial, or rack position
- On-deck reagent / diluent reservoir, pipette tip supply & wash areas are configurable
- Precise sample temperature requirements can be achieved with customized thermal blocks as an additional option

Pipetting performance provided by Tecan. *Single dispense conditions: Clean DiTi with each dispense, DI water, 21-25 °C (uncontrolled), single non-contact dispense with blowout air volume (contact dispense for 1µl)



DiTi tip size (µl)	Volume (µl)	Point accuracy (A)	Precision (CV)
10	1	5%	6%
	5	2.5%	1.5%
	10	1.5%	1%
50	5	5%	2%
	10	3%	1%
	50	2%	0.75%
200	10	5%	2%
	50	2%	0.75%
	200	1%	0.75%
1000	10	7.5%	3.5%
	100	2%	0.75%
	1000	1%	0.75%

Tip Configuration

- 1 tip

Pipetting Range

- < 5µL—1000µL

Tip Compatibility

- Tecan disposable non-conductive or conductive tips (DiTis) 50, 200 and 1000µL

Liquid Level Detection (LLD)

- Pressure-based detection

Typical XL100/XL200 applications with liquid handling include project-based and production level automation for vial filling and weighing; vial filling and capping; and vial filling, capping, and labeling. The XL platform is compatible with the widest arrangement of tubes and vials to offer your laboratory a versatile system for many groups to utilize.

The Tecan Cavro ADP offers excellent pipetting performance comparable to advanced manual pipettors, and uses a range of disposable tip sizes. The Cavro ADP is factory calibrated to ensure the most accurate air displacement and to minimize variability. The pipetting mechanism includes onboard liquid level detection and diagnostics to monitor correct operation.

Often used in Genomics Research
Forensics · Molecular Diagnostics

Often used in Cell Biology -
Microbiology Cell-based screening

	TECAN PURE PART NUMBERS		TECAN STERILE PART NUMBERS	
	Non-filtered	Filtered	Non-filtered	Filtered
50µL	30 057 811	30 057 813	30 057 818	30 057 819
200µL	30 057 814	30 057 815	30 057 820	30 057 821
1000µL	30 057 816	30 057 817	30 057 822	30 057 823

ANSI/SLAS boxes to use as empty holder for tip refills

Reusable ANSI/SLAS-format tip box	PART NUMBER
50µL and 200µL sized tips	30 058 506
1000µL sized tips	30 058 507

Now offering direct delivery of pipettes through BioMicroLab!