

# Liquid Handling (LiHa)

## Disposable Tips.

RELIABLE ASSAY RESULTS AND MAXIMIZED  
PRODUCTIVITY WITH TECAN QUALITY TIPS



### QUALITY ASSURED. PERFORMANCE ASSURED.

Tecan offers a wide range of disposable tips for use with the Liquid Handling (LiHa) Arm for the Freedom EVO® and the Flexible Channel Arm (FCA) for the Fluent® series instruments. Tecan LiHa Disposable Tips have been carefully designed and validated, and are produced to stringent standards of quality and reproducibility, ensuring reliable liquid handling performance. Manufacturing is fully automated in a controlled environment, using state-of-the-art production processes, integrated quality control procedures and premium raw materials.

During production, each tip undergoes in-line optical inspection using a CCD camera and image recognition software, checking all functional parts to ensure consistent pipetting accuracy and precision. The production process conforms to several ISO certification requirements, including ISO 9001 and ISO 13485. For full product traceability, each tray of Tecan disposable tips is supplied with a Certificate of Conformity (CoC), providing important product information such as part number, lot number, expiry date and storage conditions. The CoC certifies that the product was made according to Tecan specifications, giving customers full confidence that all liquid handling steps will perform as expected to generate reliable assay results.

### Color-coded tip trays

All disposable tip trays are color-coded for easy visual determination of tip volume on the worktable, minimizing the risk of malfunction.



## APPLICATION ASSURED.





Tecan disposable tips are available in three certified purity levels:

- **Tecan Standard purity** is supplied in space-saving cardboard packages.
- **Tecan Pure purity** Tecan Pure disposable tips are packaged in blister packs, and each lot of tips is tested and certified free from human DNA, DNase, RNase and PCR inhibitors by an external accredited laboratory.
- **Tecan Sterile purity** disposable tips are tested on a lot-by-lot basis in an external accredited laboratory, and are free from human DNA, DNase, RNase and endotoxins. Tecan Sterile disposable tips are certified to be sterile, with a guaranteed Sterility Assurance Level of 10<sup>-6</sup>, and are supplied packaged in ANSI/SLAS-format boxes.

### Standard tray, ANSI/SLAS and nested format box options

Tecan LiHa Disposable Tips are available in three formats: standard tray, ANSI/SLAS box and nested format. Microplates, ANSI/SLAS box and nested tips can be used in the same worktable position on standard ANSI/SLAS carriers, substantially increasing flexibility.








### Standard tray LiHa Disposable Tip product portfolio

		Tecan Standard		Tecan Pure	
Application examples customer segments		ELISA · Sample handling Biochemical screening		Genomics research Forensics · Molecular Diagnostics	
Features		Non-filtered	Filtered	Non-filtered	Filtered
10 µl*				30 048 03*	30 048 04*
50 µl				30 032 115	30 032 114
200 µl		10 612 552	10 612 553**	30 000 627	30 000 629
1000 µl		10 612 554	10 612 513/10 612 555**	30 000 630	30 000 631

\*Coming soon. Contact your local Tecan office for availability.

\*\*Only part no 10 612 553 and 10 612 555 are validated for Pressure Monitored Pipetting (PMP) in clinical use.

### ANSI/SLAS-format box and nested LiHa Disposable Tip product portfolio

		Tecan Pure		Tecan Sterile	
Application examples customer segments		Genomics research Forensics · Molecular Diagnostics		Cell biology · Microbiology Cell-based screening	
Features		Non-filtered	Filtered	Non-filtered	Filtered
10 µl*		30 104 973*	30 104 974*	30 104 975*	30 104 976*
10 µl nested*		30 104 977*	30 104 978*		30 104 979*
50 µl		30 057 811	30 057 813	30 057 818	30 057 819
200 µl		30 057 814	30 057 815	30 057 820	30 057 821
350 µl nested		30 083 400		30 083 401	
1000 µl		30 057 816	30 057 817	30 057 822	30 057 823
5000 µl		30 059 897	30 065 423		

\*Coming soon. Contact your local Tecan office for availability.

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