

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 10⁻⁶, 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 | | |

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Australia +61 3 9647 4100 **Austria** +43 62 46 89 33 **Belgium** +32 15 42 13 19 **China** +86 21 220 63 206 **Denmark** +45 70 23 44 50 **France** +33 4 72 76 04 80
Germany +49 79 51 94 170 **Italy** +39 02 92 44 790 **Japan** +81 44 556 73 11 **Netherlands** +31 18 34 48 17 4 **Singapore** +65 644 41 886 **Spain** +34 93 490 01 74
Sweden +46 8 750 39 40 **Switzerland** +41 44 922 89 22 **UK** +44 118 9300 300 **USA** +1 919 361 5200 **Other countries** +43 62 46 89 33

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