



## Transfer Tool for Nested Disposable Tips

Increase throughput and walkway time without requiring a gripper

Increasing sample numbers drive many laboratories to look for opportunities to automate and optimize their liquid handling processes. One of the dilemmas that laboratories face when configuring their automated liquid handling systems is the need to balance capacity and functionality against space and budget constraints.

Tecan has introduced a cost-effective solution that makes it possible to benefit from the space-saving advantages of Nested Liquid Handling (LiHa) disposable tips without requiring a gripper to remove empty tip trays. This patent pending solution is based on the pick-up and disposal of empty tip trays using a unique consumable – the Disposable Transfer Tool – and is compatible with the Freedom EVO® platform's LiHa and Air LiHa pipetting arms.

### Main features and benefits

- **Fully automated Nested LiHa disposable tip handling without a gripper** – save equipment costs
- **Five-fold increase in tip capacity per deck position** – save instrument and laboratory space
- **Quick set up and selection in Freedom EVOware®\*** – reduce installation time



\* Disposable Transfer Tool handling is supported by Freedom EVOware 2.6 SP1 onwards.

## Increased workstation capacity and longer walkaway times

The Disposable Transfer Tool allows users to benefit from the extra capacity of the Nested LiHa disposable tips without needing a gripper module. When a tray of tips is empty, the pipetting arm fetches a Disposable Transfer Tool from the bespoke holder\*\* and uses this to transfer the empty tray to the waste.

## Straightforward implementation

Tip and empty tray handling with the Disposable Transfer Tool is conveniently automated and easily implemented through Freedom EVOware. Systems currently set up for non-SLAS disposable tips can be easily converted with the addition of a specific carrier. For further space-saving, carriers are also available with an integrated waste slide for tip and tray disposal.

\*\* The Transfer Tool Holder can be quickly and easily filled by hand prior to beginning a series of runs.

## Quality and purity

Tecan's high quality Nested LiHa disposable tips are designed to optimize pipetting performance and instrument reliability, with a patented self-centering spacer between layers for enhanced process security. The tips are available in both Tecan Pure and Tecan Sterile purity levels to match the requirements of your application.

## Nested LiHa disposable product portfolio

Tecan Pure	Tecan Sterile	Disposable Transfer Tool	Transfer Tool Holder
Certified to be free from human DNA, DNase, RNase and PCR inhibitors.	Certified to be sterile and free from endotoxins, pyrogens, human DNA, DNase and RNase.	Disposable Transfer Tool for Nested LiHa disposable tips, compatible with LiHa or Air LiHa pipetting options.	Holder for 16 Disposable Transfer Tools, which fits into a three-position trough carrier (10613020).
			
350 µl, Non-filtered	350 µl, Non-filtered		
300 83 400	300 83 401	300 83 403	300 92 506

### Tecan – Who we are

Tecan ([www.tecan.com](http://www.tecan.com)) is a leading global provider of laboratory instruments and solutions in biopharmaceuticals, forensics and clinical diagnostics. The company specializes in the development, production and distribution of automated workflow solutions for laboratories in the life sciences sector. Its clients include pharmaceutical and biotechnology companies, university research departments, forensic and diagnostic laboratories. As an original equipment manufacturer (OEM), Tecan is also a leader in developing and manufacturing OEM instruments and components that are then distributed by partner companies. Founded in Switzerland in 1980, the company has manufacturing, research and development sites in both Europe and North America and maintains a sales and service network in 52 countries.

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