



MCA 96 nested disposable tips for MultiChannel Arm™ 96 option

Increased throughput and flexibility with Tecan's quality MCA 96 nested disposable tips

Tecan's disposable tip products offer a variety of pipetting solutions to complement the MultiChannel Arm 96 option for Freedom EVO® liquid handling workstations. With sterile, non-sterile and filtered options, the new SBS format product design has been optimized for increased throughput and reliability, providing a cost-effective solution for liquid handling applications.

Main benefits

- Improved throughput and walk away time, due to nested format allowing more tips per carrier
- Increased flexibility on the work deck, due to SBS format
- More environmentally friendly, through significant weight and waste reduction
- Cost – effective

Nested storage

Using nested tips improves throughput and maximizes walkaway time. Non-filtered tips can be nested in either passive stacks of 8 racks (768 tips) per SBS position on the deck or externally in Te-Stack™ modules for high throughput requirements, offering up to 40 racks (3840 tips) per column. The nested tip design also offers environmental and logistical benefits – including reduced offline storage needs, lower transport costs and less waste – by reducing storage space requirements by 60 % and using less packaging materials compared with non-nested formats.



SBS format

By switching to a fully SBS-compatible rack design, flexibility on the workstation deck space is optimized. Specialized non-SBS labware carriers are no longer required, and systems fitted with Te-Stack modules can now use SBS format columns for both tip racks and microplates. Systems currently set up for non-SBS disposable tips can be easily converted to the new system, and the SBS format carriers are also offered with an optional waste slide for high throughput tip disposal.

Quality and purity

All MCA96 disposable tips are manufactured, tested and certified to guarantee reliable quality, helping you to acquire optimal results. Two purity levels are available to suit the needs of your application:

Tecan Pure

- free from human DNA, DNase, RNase and PCR inhibitors
- targeted towards molecular diagnostics, forensics and genomics applications

Tecan Sterile

- sterile
- free from human DNA, DNase, RNase, pyrogens and endotoxins
- intended for applications in cell biology, microbiology and cell-based screening

Certificate of Conformity (CoC)

To ensure regulatory compliance and meet your quality documentation requirements, Tecan provides a Certificate of Conformity (CoC) with each product. This contains important information such as purity level, lot number, expiry date and storage conditions, as well as guaranteeing that the product conforms to the stated specifications.



Disposable Tip product portfolio and ordering information

		Tecan Pure		Tecan Sterile		
		non-filtered	non-filtered	non-filtered	filtered	non-filtered
50 µl		30038606	30038609	30038607	30038608	30048822
100 µl		30038611	30038614	30038612	30038613	30048823
200 µl		30038616	30038619 30038620 ^b	30038617	30038618 ^c	30048824
200 µl Wide bore		30050348			30050349 ^c	
500 µl ^a		30046341			30046342 ^d	

^{a)} Maximum volume only with MCA384 with 4 to 1 Extended Volume Adapter (EVA); Maximum volume on MCA96 200 µl[†]

^{b)} Nested for Te-Stack ^{c)} maximum pipetting volume of 150 µl ^{d)} maximum pipetting volume of 400 µl

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