

MCA™ 96 Nested Disposable Tips for MultiChannel Arm™ 96 option

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



Tecan's new disposable tip products offer a variety of pipetting solutions to complement the Multi-Channel 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 to provide a cost-effective solution for liquid handling applications in life sciences.

Main benefits:

- Improved throughput and walk-away time due to nesting format
- Increased flexibility on the work deck due to SBS format
- Significant waste reduction
- Cost effective

Nested storage

Non-filtered tips can be nested in either passive stacks of up to 768 tips per SBS position on the deck or externally in Te-Stack™ modules for 3840 tips per column for high throughput require-

ments. Using nested tips improves throughput and maximizes walk-away time. The nested tip design also offers environmental and logistical benefits – including reduced offline storage needs, lower transport costs and less wastage – by reducing storage space requirements by 60 % and using less packaging materials compared with non-nested formats.



8-stack nested and single stack version of 50 µl disposable tips

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 with few hardware requirements. The new SBS-format carriers are also offered with an optional waste slide for high throughput tip disposal.

Quality and purity

All MCA 96 disposable tips are manufactured in a cleanroom environment and certified to be free of DNA, DNase/RNase, pyrogens and endotoxins, with non-nested products also available in a sterile format. The production process has been validated, and frequent checks are performed in order to guarantee purity levels and optimize pipetting results.

MCA™ 96 disposable tip portfolio overview

		Non-sterile		Sterile	
Features		non-filtered nested	non-filtered	non-filtered	filtered
50 µl		Part no. 30038609	Part no. 30038606	Part no. 30038607	Part no. 30038608
100 µl		Part no. 30038614	Part no. 30038611	Part no. 30038612	Part no. 30038613
200 µl		Part no. 30038619	Part no. 30038616	Part no. 30038617	Part no. 30038618

Accessories

Part number	Product description
30020042	Ejector plate for MultiChannel Arm 96 head, compatible with nested tip inserts
30020043	Carrier for MCA 96 Nested Disposable tips, flat, 3 positions with SBS footprint
30020044	Carrier for MCA 96 Nested Disposable Tips, flat, 4 positions with SBS footprint
30020045	Waste slide for the MCA 96 nested tip carriers, compatible with carriers 30020043 and 30020044, front shields with adjustable windows
30020038	Waste Chute option for MCA 96 nested tips on Te-Stack
30020039	Support for MCA 96 nested tip racks on Te-Stack



Te-Stack column filled with MCA 96 disposable tips

The MultiChannel Arm option is a scientific instrumentation. Not for use in human clinical or diagnostic procedures.

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Austria +43 62 46 89 33 **Belgium** +32 15 42 13 19 **China** +86 10 5869 5936 **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 48 174 **Portugal** +351 21 000 82 16 **Singapore** +65 644 41 886
Spain +34 93 490 01 74 **Sweden** +46 31 75 44 000 **Switzerland** +41 44 922 89 22 **UK** +44 118 9300 300 **USA** +1 919 361 5200
Other countries +41 44 922 8125

www.tecan.com

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