

# Technical data sheet – Robotic tips

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ALL THIRD-PARTY TRADEMARKS REFERENCED HEREIN ARE THE EXCLUSIVE PROPERTY OF THEIR RESPECTIVE OWNERS.

## Description

Conductive robotic tips - Alternatives for Hamilton® instruments (Type: HT CO-RE)



## Features

- Manufactured under cleanroom conditions (cleanroom class 8, DIN EN ISO 14644)
- Free of DNA, DNase, RNase and PCR inhibitors
- State of the art quality control
- Ideal for high-throughput analysis
- Barcoded trays for automated identification
- When sterile: sterilized with E-Beam [SAL10<sup>-6</sup>] , free of pyrogen and ATP
- IVD tips available with EC conformity declaration as accessories for clinical diagnostic applications

## Conductive robotic tips - Alternatives for Hamilton® instruments (Type: HT)

VWR Catalog Number	Volume	Sterile	Filter	IVD	Tip colour	Tray colour	Packed	Pk
<b>49010-0003</b>	50 µL	-	-	-	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49010-2003</b>	50 µL	-	-	+	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49010-0105</b>	50 µL	-	+	-	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49010-2105</b>	50 µL	-	+	+	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49010-1005</b>	50 µL	+	-	-	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49010-3005</b>	50 µL	+	-	+	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49010-1105</b>	50 µL	+	+	-	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49010-3105</b>	50 µL	+	+	+	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49008-0003</b>	300 µL	-	-	-	Black	Clear	12 x 5 racks, 96 each, blistered	5760
<b>49008-2003</b>	300 µL	-	-	+	Black	Clear	12 x 5 racks, 96 each, blistered	5760

<b>49008-0105</b>	300 µL	-	+	-	Black	Clear	12 × 5 racks, 96 each, blistered	5760
<b>49008-2105</b>	300 µL	-	+	+	Black	Clear	12 × 5 racks, 96 each, blistered	5760
<b>49008-1105</b>	300 µL	+	+	-	Black	Clear	12 × 5 racks, 96 each, blistered	5760
<b>49008-3105</b>	300 µL	+	+	+	Black	Clear	12 × 5 racks, 96 each, blistered	5760
<b>49009-0005</b>	1000 µL	-	-	-	Black	Clear	8 × 5 racks, 96 each, blistered	3840
<b>49009-2005</b>	1000 µL	-	-	+	Black	Clear	8 × 5 racks, 96 each, blistered	3840
<b>49009-0105</b>	1000 µL	-	+	-	Black	Clear	8 × 5 racks, 96 each, blistered	3840
<b>49009-2105</b>	1000 µL	-	+	+	Black	Clear	8 × 5 racks, 96 each, blistered	3840
<b>49009-1005</b>	1000 µL	+	-	-	Black	Clear	8 × 5 racks, 96 each, blistered	3840
<b>49009-3005</b>	1000 µL	+	-	+	Black	Clear	8 × 5 racks, 96 each, blistered	3840
<b>49009-1105</b>	1000 µL	+	+	-	Black	Clear	8 × 5 racks, 96 each, blistered	3840
<b>49009-3105</b>	1000 µL	+	+	+	Black	Clear	8 × 5 racks, 96 each, blistered	3840

## Material

Tip: PP

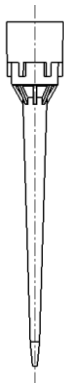
Filter: PE

Tray: PP

## Technical drawing and measurements

VWR Catalog Number	Tip dimensions			Tray dimensions	
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)
<b>49010-0003</b>	50.4	1.2	NA	122.0	82.6
<b>49010-2003</b>	50.4	1.2	NA	122.0	82.6
<b>49010-0105</b>	50.4	1.2	10.8	122.0	82.6
<b>49010-2105</b>	50.4	1.2	10.8	122.0	82.6
<b>49010-1005</b>	50.4	1.2	NA	122.0	82.6
<b>49010-3005</b>	50.4	1.2	NA	122.0	82.6
<b>49010-1105</b>	50.4	1.2	10.8	122.0	82.6
<b>49010-3105</b>	50.4	1.2	10.8	122.0	82.6
<b>49008-0003</b>	59.9	1.6	NA	122.0	82.6
<b>49008-2003</b>	59.9	1.6	NA	122.0	82.6
<b>49008-0105</b>	59.9	1.6	9.0	122.0	82.6
<b>49008-2105</b>	59.9	1.6	9.0	122.0	82.6

<b>49008-1105</b>	59.9	1.6	9.0	122.0	82.6
<b>49008-3105</b>	59.9	1.6	9.0	122.0	82.6
<b>49009-0005</b>	95.1	1.5	NA	122.0	82.6
<b>49009-2005</b>	95.1	1.5	NA	122.0	82.6
<b>49009-0105</b>	95.1	1.5	9.0	122.0	82.6
<b>49009-2105</b>	95.1	1.5	9.0	122.0	82.6
<b>49009-1005</b>	95.1	1.5	NA	122.0	82.6
<b>49009-3005</b>	95.1	1.5	NA	122.0	82.6
<b>49009-1105</b>	95.1	1.5	9.0	122.0	82.6
<b>49009-3105</b>	95.1	1.5	9.0	122.0	82.6



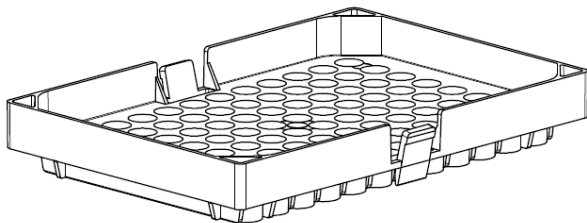
Type HT 50 µL tip



Type HT 300 µL tip



Type: HT 1000 µL tip



Type HT tray

**Description**

Conductive robotic tips – Alternatives for Roche MagNA pure® instruments (Type: MP)


**Features**

- Manufactured under cleanroom conditions (cleanroom class 8, DIN EN ISO 14644)
- Free of DNA, DNase, RNase and PCR inhibitors
- State of the art quality control
- Barcoded trays for automated identification
- Ideal for high-throughput analysis
- IVD tips available with EC conformity declaration as accessories for clinical diagnostic applications

**Conductive robotic tips – Alternatives for Roche MagNA pure® instruments (Type: MP)**

VWR Catalog Number	Volume	Sterile	Filter	IVD	Tip colour	Tray colour	Packed	Pk
<b>49209-0105</b>	1000 µL	-	+	-	Black	Clear	8 × 5 racks, 96 each, blistered	3840
<b>49209-2105</b>	1000 µL	-	+	+	Black	Clear	8 × 5 racks, 96 each, blistered	3840

**Material**

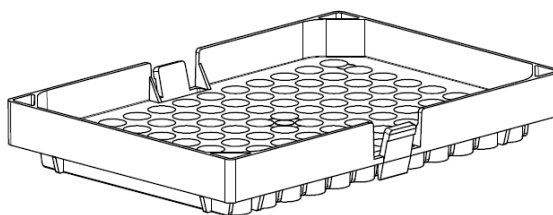
Tip: PP  
Filter: PE  
Tray: PP

**Technical drawing and measurements**

VWR Catalog Number	Tip dimensions			Tray dimensions	
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)
<b>49209-0105</b>	95.1	1.5	9.0	122.0	82.6
<b>49209-2105</b>	95.1	1.5	9.0	122.0	82.6



Type MP 1000 µL tip



Type MP tray

## Description

Conductive robotic tips - Alternatives for Tecan® instruments (Type: TE)



## Features

- Manufactured under cleanroom conditions (cleanroom class 8, DIN EN ISO 14644)
- Free of DNA, DNase, RNase and PCR inhibitors (Blistered tips only)
- State of the art quality control
- Stacked 350 µL available for high-throughput analysis
- When sterile: sterilized with E-Beam [SAL10<sup>-6</sup>], free of pyrogen and ATP
- IVD tips available with EC conformity declaration as accessories for clinical diagnostic applications

## Conductive robotic tips - Alternatives for Tecan® instruments (Type: TE)

VWR Catalog Number	Volume	Sterile	Filter	IVD	Tip colour	Tray colour	Packed	Pk
<b>49006-0000</b>	50 µL	-	-	-	Black	Yellow	18 × 10 racks, 96 each, cardboard, S-Tray	17280
<b>49006-0006</b>	50 µL	-	-	-	Black	Yellow	12 × 2 racks, 96 each, blistered, S-Tray	2304
<b>49006-2006</b>	50 µL	-	-	+	Black	Yellow	12 × 2 racks, 96 each, blistered, S-Tray	2304
<b>49006-0007</b>	50 µL	-	-	-	Black	Yellow	12 × 2 racks, 96 each, blistered, C-Tray	2304
<b>49006-0106</b>	50 µL	-	+	-	Black	Yellow	12 × 2 racks, 96 each, blistered, S-Tray	2304
<b>49006-2106</b>	50 µL	-	+	+	Black	Yellow	12 × 2 racks, 96 each, blistered, S-Tray	2304
<b>49006-0107</b>	50 µL	-	+	-	Black	Yellow	12 × 2 racks, 96 each, blistered, C-Tray	2304
<b>49006-1106</b>	50 µL	+	+	-	Black	Yellow	12 × 2 racks, 96 each, blistered, S-Tray	2304

<b>49006-3106</b>	50 µL	+	+	+	Black	Yellow	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49006-1107</b>	50 µL	+	+	-	Black	Yellow	12 x 2 racks, 96 each, blistered, C-Tray	2304
<b>49006-3107</b>	50 µL	+	+	+	Black	Yellow	12 x 2 racks, 96 each blistered, C-Tray	2304
<b>49002-0000</b>	200 µL	-	-	-	Black	Blue	18 x 10 racks, 96 each, cardboard, S-Tray	17280
<b>49002-0006</b>	200 µL	-	-	-	Black	Blue	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49002-2006</b>	200 µL	-	-	+	Black	Blue	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49002-0007</b>	200 µL	-	-	-	Black	Blue	12 x 2 racks, 96 each, blistered, C-Tray	2304
<b>49002-0106</b>	200 µL	-	+	-	Black	Blue	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49002-2106</b>	200 µL	-	+	+	Black	Blue	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49002-0107</b>	200 µL	-	+	-	Black	Blue	12 x 2 racks, 96 each, blistered, C-Tray	2304
<b>49002-1106</b>	200 µL	+	+	-	Black	Blue	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49002-3106</b>	200 µL	+	+	+	Black	Blue	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49002-1107</b>	200 µL	+	+	-	Black	Blue	12 x 2 racks, 96 each, blistered, C-Tray	2304
<b>49002-3107</b>	200 µL	+	+	+	Black	Blue	12 x 2 racks, 96 each, blistered, C-Tray	2304
<b>49024-0008</b>	350 µL	-	-	-	Black	Orange	16 stacks of 5 racks, 480 tips per stack, C-Tray	7680
<b>49003-0000</b>	1000 µL	-	-	-	Black	Red	10x 10 racks, 96 each, cardboard, S-Tray	9600
<b>49003-0006</b>	1000 µL	-	-	-	Black	Red	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49003-2006</b>	1000 µL	-	-	+	Black	Red	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49003-0007</b>	1000 µL	-	-	-	Black	Red	12 x 2 racks, 96 each, blistered, C-Tray	2304
<b>49003-0106</b>	1000 µL	-	+	-	Black	Red	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49003-2106</b>	1000 µL	-	+	+	Black	Red	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49003-0107</b>	1000 µL	-	+	-	Black	Red	12 x 2 racks, 96 each, blistered, C-Tray	2304
<b>49003-1106</b>	1000 µL	+	+	-	Black	Red	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49003-3106</b>	1000 µL	+	+	+	Black	Red	12 x 2 racks, 96 each, blistered, S-Tray	2304
<b>49003-1107</b>	1000 µL	+	+	-	Black	Red	12 x 2 racks, 96 each, blistered, C-Tray	2304



<b>49003-3107</b>	1000 µL	+	+	+	Black	Red	12 × 2 racks, 96 each, blistered, C-Tray	2304
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## Material

Tip: PP

Filter: PE

Tray: PC 49006-0000 - 49006-0006 - 49006-0106 - 49002-0000 - 49002-0006 - 49002-0106 - 49003-0000 - 49003-0006 - 49003-0106 - 49006-1106 - 49002-1106 - 49003-1106 - 49006-2006 - 49006-2106 - 49006-3106 - 49002-2006 - 49002-2106 - 49002-3106 - 49003-2006 - 49003-2106 - 49003-3106

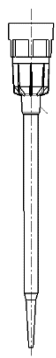
PP 49006-0007 - 49006-0107 - 49002-0007 - 49002-0107 - 49003-0007 - 49003-0107 - 49002-1107 - 49006-1107 - 49003-1107 - 49006-3107 - 49002-3107 - 49003-3107 - 49024-0008

Tip Box: PP 49024-0008

## Technical drawing and measurements

VWR Catalog Number	Tip dimensions			Tray dimensions	
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)
<b>49006-0000</b>	58.0	1.2	NA	126.9	88.4
<b>49006-0006</b>	58.0	1.2	NA	126.9	88.4
<b>49006-2006</b>	58.0	1.2	NA	126.9	88.4
<b>49006-0007</b>	58.0	1.2	NA	127.8	85.5
<b>49006-0106</b>	58.0	1.2	14.2	126.9	88.4
<b>49006-2106</b>	58.0	1.2	14.2	126.9	88.4
<b>49006-0107</b>	58.0	1.2	14.8	127.8	85.5
<b>49006-1106</b>	58.0	1.2	14.2	126.9	88.4
<b>49006-3106</b>	58.0	1.2	14.2	126.9	88.4
<b>49006-1107</b>	58.0	1.2	14.8	127.8	85.5
<b>49006-3107</b>	58.0	1.2	14.8	127.8	85.5
<b>49002-0000</b>	58.5	1.5	NA	126.9	88.4
<b>49002-0006</b>	58.5	1.5	NA	126.9	88.4
<b>49002-2006</b>	58.5	1.5	NA	126.9	88.4
<b>49002-0007</b>	58.5	1.5	NA	127.8	85.5
<b>49002-0106</b>	58.5	1.5	14.8	126.9	88.4
<b>49002-2106</b>	58.5	1.5	14.8	126.9	88.4
<b>49002-0107</b>	58.5	1.5	14.8	127.8	85.5
<b>49002-1106</b>	58.5	1.5	14.8	126.9	88.4
<b>49002-3106</b>	58.5	1.5	14.8	126.9	88.4
<b>49002-1107</b>	58.5	1.5	14.8	127.8	85.5
<b>49002-3107</b>	58.5	1.5	14.8	127.8	85.5
<b>49003-0000</b>	96.1	2.0	NA	126.9	88.4
<b>49024-0008</b>	58.2	≤ 1.2	NA	127.8	85.5
<b>49003-0006</b>	96.1	2.0	NA	126.9	88.4

<b>49003-2006</b>	96.1	2.0	NA	126.9	88.4
<b>49003-0007</b>	96.1	2.0	NA	127.8	85.5
<b>49003-0106</b>	96.1	2.0	14.8	126.9	88.4
<b>49003-2106</b>	96.1	2.0	14.8	126.9	88.4
<b>49003-0107</b>	96.1	2.0	14.8	127.8	85.5
<b>49003-1106</b>	96.1	2.0	14.8	126.9	88.4
<b>49003-3106</b>	96.1	2.0	14.8	126.9	88.4
<b>49003-1107</b>	96.1	2.0	14.8	127.8	85.5
<b>49003-3107</b>	96.1	2.0	14.8	127.8	85.5



Type TE 50 µL in S-tray blistered



Type TE 50 µL tips in C-tray or cardboard



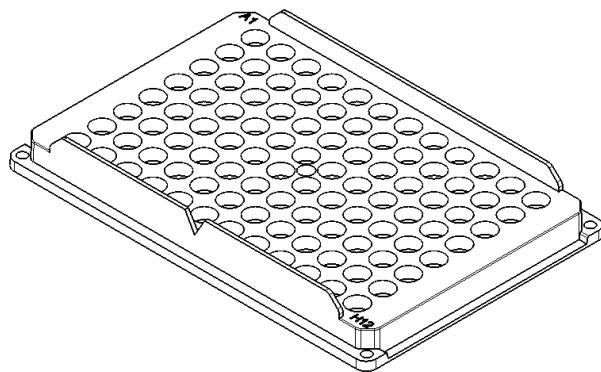
Type TE 200 µL tip



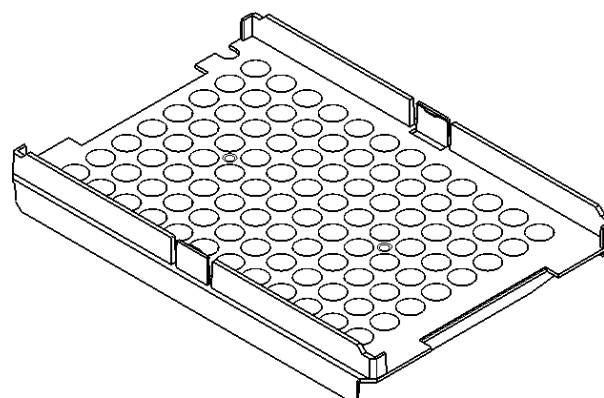
Type TE 350 µL tip



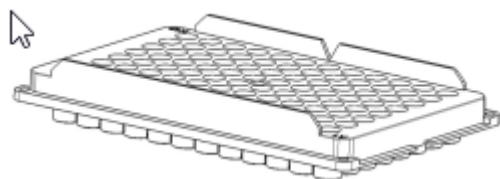
Type TE 1000 µL tip



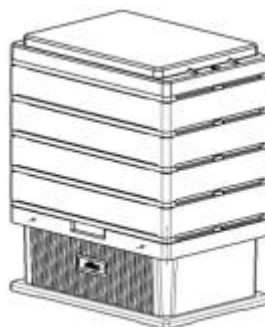
Type TE C-tray in PP



Type TE S-tray in PC



Type TE C-tray in PP (stacked 350 µL version)



Type TE stacked tips 350 µL in container

**Description**

Conductive robotic tips, wide bore - Alternatives for Tecan® instruments (Type: TE)


**Features**

- Manufactured under cleanroom conditions (cleanroom class 8, DIN EN ISO 14644)
- Free of DNA, DNase, RNase and PCR inhibitors (Blistered tips only)
- State of the art quality control
- Ideal for high-throughput analysis
- Wide bore tips for viscous samples (1000 µL)
- Sterile IVD tips available with EC conformity declaration as accessories for clinical diagnostic applications

**Conductive robotic tips, wide bore - Alternatives for Tecan® instruments (Type: TE)**

VWR Catalog Number	Volume	Sterile	Filter	IVD	Tip colour	Tray colour	Packed	Pk
<b>49033-0000</b>	1000 µL	-	-	-	Black	Red	10× 10 racks, 96 each, cardboard, S-Tray	9600
<b>49033-0006</b>	1000 µL	-	-	-	Black	Red	12 × 2 racks, 96 each, blistered, S-Tray	2304
<b>49033-0106</b>	1000 µL	-	+	-	Black	Red	12 × 2 racks, 96 each, blistered, S-Tray	2304
<b>49033-1106</b>	1000 µL	+	+	-	Black	Red	12 × 2 racks, 96 each, blistered, S-Tray	2304
<b>49033-3106</b>	1000 µL	+	+	+	Black	Red	12 × 2 racks, 96 each, blistered, S-Tray	2304

**Material**

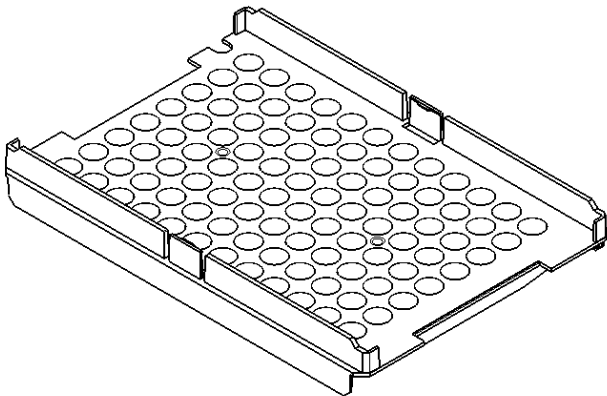
Tip: PP  
 Filter: PE  
 Tray: PC

Technical drawing and measurements

VWR Catalog Number	Tip dimensions			Tray dimensions	
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)
49033-0000	96.1	2.0	NA	126.9	88.4
49033-0006	96.1	2.0	NA	126.9	88.4
49033-0106	96.1	2.0	14.8	126.9	88.4
49033-1106	96.1	2.0	14.8	126.9	88.4
49033-3106	96.1	2.0	14.8	126.9	88.4



Type TE wide bore tip



Type TE tray

## Description

Conductive robotic tips - Alternatives for Qiagen® instruments (Type: QG)



## Features

- Manufactured under cleanroom conditions (cleanroom class 8, DIN EN ISO 14644)
- State of the art quality control
- Ideal for high-throughput analysis
- Free of DNA, DNase, RNase and PCR inhibitors
- Packed in blister

## Conductive robotic tips – Alternatives for Qiagen® instruments (Type: QG)

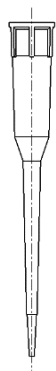
VWR Catalog Number	Volume	Sterile	Filter	Tip colour	Tray colour	Packed	Pk
<b>49018-0106</b>	50 µL	-	+	Black	Yellow	12× 2 racks, 96 each, blistered	2304
<b>49002-0106</b>	200 µL	-	+	Black	Blue	12 x 2 racks, 96 each, blistered	2304

## Material

Tip: PP  
Filter: PE  
Tray: PC

## Technical drawing and measurements

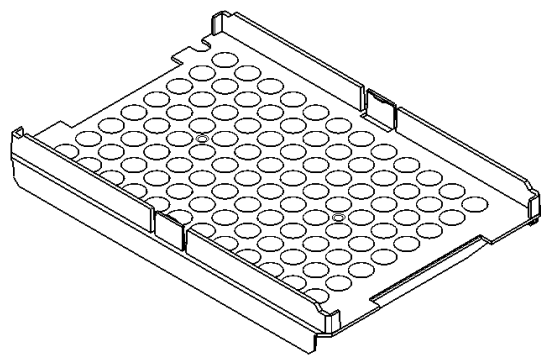
VWR Catalog Number	Tip dimensions			Tray dimensions	
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)
<b>49018-0106</b>	58.30	1.50	14.80	126.90	88.40
<b>49002-0106</b>	58.50	1.50	14.80	126.90	88.40



50 µl tip



200 µl tip



Tray

## Description

Conductive robotic tips - Alternatives for Olympus™ instruments (Type: OLA)



## Features

- Conductive tips for liquid level sensing
- Available with or without filter
- 140 tips are sealed in one optimized rack

## Conductive robotic Tips - Alternatives for Olympus™ instruments (Type: OLA)

VWR Catalog Number	Volume	Sterile	Filter	Tip colour	Tray colour	Packed	Pk
<b>49044-0000</b>	1200 µL	-	-	Black	Turquoise	8 racks, 140 each	1120
<b>49044-0100</b>	1200 µL	-	+	Black	Turquoise	8 trays, 140 each	1120

## Material

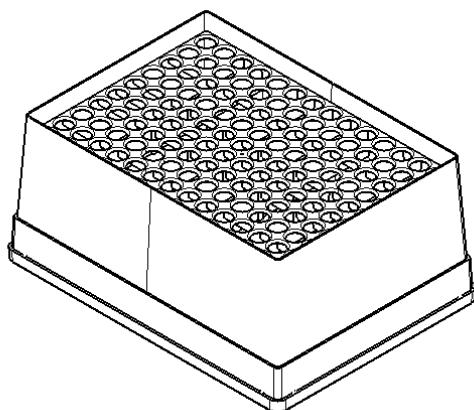
Tip: PP

Filter: PE

## Technical drawing and measurements

VWR Catalog Number	Tip dimensions			Tray dimensions		
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)	Height (mm)
<b>49044-0000</b>	71.10	1.50	NA	166.70	122.65	76.15
<b>49044-0100</b>	71.10	1.50	9.40	166.70	122.65	76.15

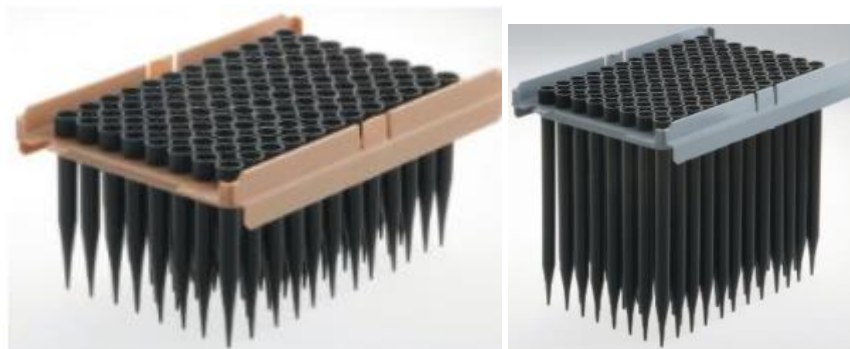




OLA Rack-ZSB

## Description

Conductive robotic tips - Alternatives for Stratec® instruments (Type: ST)



## Features

- Manufactured under cleanroom conditions (cleanroom class 8, DIN EN ISO 14644)
- Free of DNA, DNase, RNase and PCR inhibitors (Blistered tips only)
- Conductive tips for Liquid Level Sensing
- When sterile: sterilized with E-Beam [ $10^{-6}$ ], free of pyrogen and ATP
- IVD tips available with EC conformity declaration as accessories for clinical diagnostic applications

## Conductive robotic tips - Alternatives for Stratec® instruments (Type: ST)

VWR Catalog Number	Volume	Sterile	Filter	IVD	Tip colour	Tray colour	Packed	Pk
<b>49000-0000</b>	300 µL	-	-	-	Black	Brown	18× 10 racks, 96 each, cardboard	17280
<b>49000-0006</b>	300 µL	-	-	-	Black	Brown	12× 2 racks, 96 each, blistered	2304
<b>49000-1106</b>	300 µL	+	+	-	Black	Brown	12 x 2 racks, 96 each, blistered	2304
<b>49000-3106</b>	300 µL	+	+	+	Black	Brown	12 x 2 racks, 96 each, blistered	2304
<b>49001-0000</b>	1100 µL	-	-	-	Black	Gray	10× 10 racks, 96 each, cardboard	9600
<b>49001-0106</b>	1100 µL	-	+	-	Black	Gray	12× 2 racks, 96 each, blistered	2304
<b>49001-1106</b>	1100 µL	+	+	-	Black	Gray	12 x 2 racks, 96 each, blistered	2304
<b>49001-3106</b>	1100 µL	+	+	+	Black	Gray	12 x 2 racks, 96 each, blistered	2304

## Material

Tip: PP  
Filter: PE  
Tray: PC

## Technical drawing and measurements

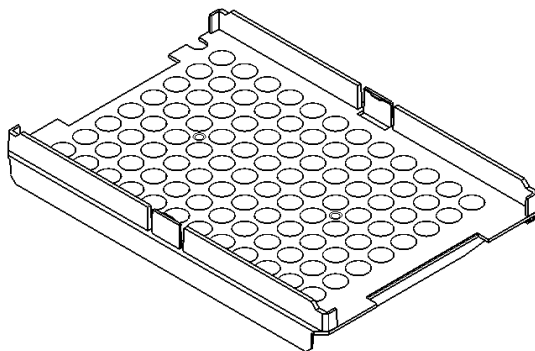
VWR Catalog Number	Tip dimensions			Tray dimensions	
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)
<b>49000-0000</b>	55.00	1.50	NA	126.90	88.40
<b>49000-0006</b>	55.00	1.50	NA	126.90	88.40
<b>49000-1106</b>	55.00	1.50	14.80	126.90	88.40
<b>49000-3106</b>	55.00	1.50	14.80	126.90	88.40
<b>49001-0000</b>	97.00	1.50	NA	126.90	88.40
<b>49001-0106</b>	97.00	1.50	14.80	126.90	88.40
<b>49001-1106</b>	97.00	1.50	14.80	126.90	88.40
<b>49001-3106</b>	97.00	1.50	14.80	126.90	88.40



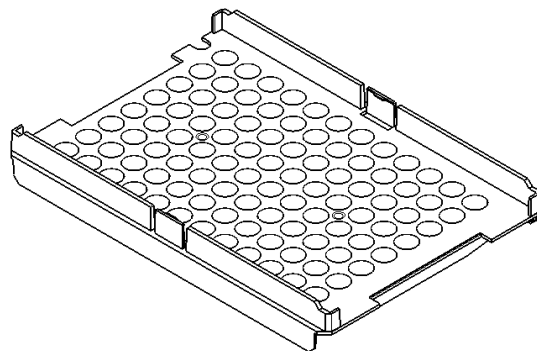
300 µL tip



1100 µL tip



300 µL tray



1100 µL tray

**Description**

## Clear Robotic Tips - Alternatives for Tecan® instruments (Type: TE)


**Features**

- Manufactured under cleanroom conditions (cleanroom class 8, DIN EN ISO 14644)
- Free of DNA, DNase, RNase and PCR inhibitors (Blistered tips only)
- State of the art quality control
- Ideal for high-throughput analysis
- When sterile: sterilized with E-Beam [ $10^{-6}$ ], free of pyrogen and ATP
- Sterile IVD tips available with EC conformity declaration as accessories for clinical diagnostic applications

### Clear Robotic Tips - Alternatives for Tecan® instruments (Type: TE)

VWR Catalog Number	Volume	Sterile	Filter	IVD	Tip colour	Tray colour	Packed	Pk
<b>49106-0000</b>	50 µL	-	-	-	Clear	Yellow	18 x 10 racks, 96 each, cardboard	17280
<b>49106-1106</b>	50 µL	+	+	-	Clear	Yellow	12 x 2 racks, 96 each, blistered	2304
<b>49106-3106</b>	50 µL	+	+	+	Clear	Yellow	12 x 2 racks, 96 each, blistered	2304
<b>49102-0000</b>	200 µL	-	-	-	Clear	Blue	18 x 10 racks, 96 each, cardboard	17280
<b>49102-0006</b>	200 µL	-	-	-	Clear	Blue	12 x 2 racks, 96 each, blistered	2304
<b>49102-1106</b>	200 µL	+	+	-	Clear	Blue	12 x 2 racks, 96 each, blistered	2304
<b>49102-3106</b>	200 µL	+	+	+	Clear	Blue	12 x 2 racks, 96 each, blistered	2304
<b>49103-0000</b>	1000 µL	-	-	-	Clear	Red	10 x 10 racks, 96 each, cardboard	9600
<b>49103-0006</b>	1000 µL	-	-	-	Clear	Red	12 x 2 racks, 96 each, blistered	2304
<b>49103-1106</b>	1000 µL	+	+	-	Clear	Red	12 x 2 racks, 96 each, blistered	2304
<b>49103-3106</b>	1000 µL	+	+	+	Clear	Red	12 x 2 racks, 96 each, blistered	2304

## Material

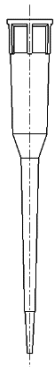
Tip: PP

Filter: PE

Tray: PC

## Technical drawing and measurements

VWR Catalog Number	Tip dimensions			Tray dimensions	
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)
<b>49106-0000</b>	58.30	1.50	NA	126.9	88.4
<b>49106-1106</b>	58.30	1.50	14.80	126.9	88.4
<b>49106-3106</b>	58.30	1.50	14.80	126.9	88.4
<b>49102-0000</b>	58.30	1.50	NA	126.9	88.4
<b>49102-0006</b>	58.30	1.50	NA	126.9	88.4
<b>49102-1106</b>	58.30	1.50	14.80	126.9	88.4
<b>49102-3106</b>	58.30	1.50	14.80	126.9	88.4
<b>49103-0000</b>	96.10	2.00	NA	126.9	88.4
<b>49103-0006</b>	96.10	2.00	NA	126.9	88.4
<b>49103-1106</b>	96.10	2.00	13.60	126.9	88.4
<b>49103-3106</b>	96.10	2.00	13.60	126.9	88.4



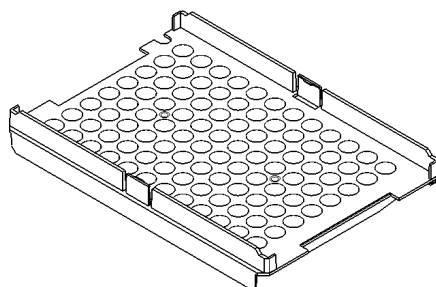
50 µL tip



200 µL tip



1000 µL tip



Tray

## Description

Clear Robotic Tips - Alternatives for Dynex® instruments  
(Type: DX)



## Features

- 108 tips in one optimized container with lid
- Developed for the automated sample handling
- Blue sample tips for visual tip identification

## Clear Robotic Tips - Alternatives for Dynex® instruments (Type: DX)

VWR Catalog Number	Volume	Sterile	Filter	Tip colour	Tray colour	Packed	Pk
<b>49136-0000</b>	300 µL	-	-	Blue	NA	4 racks, 108 each	432
<b>49137-0000</b>	1300 µL	-	-	Clear	NA	4 racks, 108 each	432

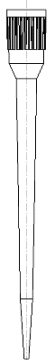
## Material

Tip: PP

Tray: PP

Technical drawing and measurements

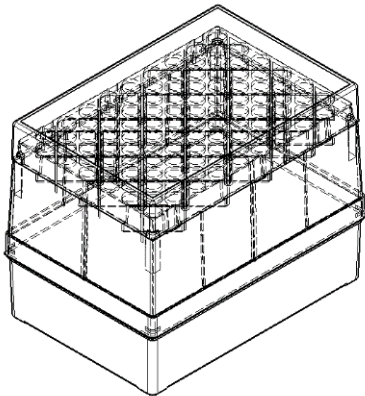
VWR Catalog Number	Tip dimensions			Tray dimensions		
	Tip length (mm)	Concentricity (mm)	Filter depth (mm)	Length (mm)	Width (mm)	Height (mm)
49136-0000	87.00	1.50	NA	143.45	112.10	110.10
49137-0000	105.00	1.50	NA	143.45	112.10	110.10



Tip 300 µL



Tip 1300 µL



Tray type Dynex®

Description	Dilution Strips - Type Dynex®
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### Features

- Deep well reservoir with 8 wells

### Dilution Strips - Type Dynex®

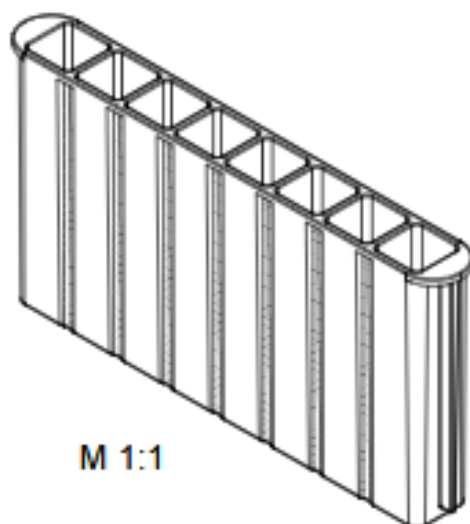
VWR Catalog Number	Colour	Packed
<b>43001-0031</b>	Transparent	250

### Material

Well: PP

### Technical drawing and measurements

VWR Catalog Number	Plate dimensions		
	Length (mm)	Width (mm)	Height (mm)
<b>49136-0000</b>	79.00	10.00	39.80



Dilution Strips - Type Dynex