

VOYAGER Adjustable Spacing Pipette

Are you moving samples between different labware formats?

VOYAGER

Adjustable Tip Spacing Pipettes

Moving multiple samples from one labware format to another as individual transfers is both a tedious and an error prone task.

INTEGRA VOYAGER pipettes feature motorized tip spacing, enabling parallel transfer of multiple samples between labware of different sizes. Tip spacing can be changed by the simple push of a button, no manual adjustments or two handed operations are needed. This not only boosts your pipetting productivity, but also reduces the risk of developing a repetitive strain injury (RSI).

The VOYAGER variable tip spacing pipettes are available in 4, 6, 8 and 12 channel versions and expand anywhere from 4.5 mm to 32.5 mm. This provides access to a wide range of labware formats such as microplates, tube racks or gel boxes. This makes the VOYAGER pipette an ideal companion for a wide variety of Genomic, Proteomic and Cell Culture applications.

The table below provides an overview of the available VOYAGER pipettes, their individual tip spacing ranges and highlights a few typical applications:



Applications

Channel	Volume	Spacing				
Four	10 – 300 µl, 50 – 1250 µl	9.0 mm	←	→	32.5 mm	
Six	10 – 300 µl, 50 – 1250 µl	9.0 mm	←	→	19.5 mm	
Eight	10 – 300 µl, 50 – 1250 µl	9.0 mm	←	→	14.0 mm	
Eight	0.5 – 12.5 µl, 5 – 125 µl	4.5 mm	←	→	14.0 mm	
Twelve	0.5 – 12.5 µl, 5 – 125 µl	4.5 mm	↔	↔	9.0 mm	
Well Plates		384	96	48	24	12

Applications




Reformatting



Gel Loading



HLA Testing



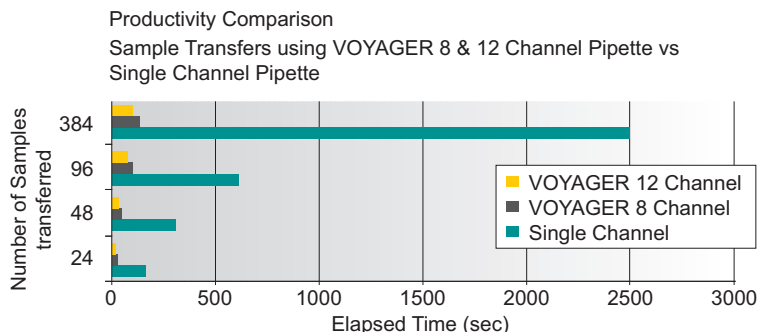
Access to Tube Racks



Cell Plating

Simultaneously increase productivity and decrease transcription errors

The VOYAGER pipette significantly increases productivity by allowing users to transfer multiple samples simultaneously. This also greatly reduces transcription errors as the number of transfers is minimized. The adjacent chart clearly highlights the productivity gains. For example, 96 samples can be transferred from a 1.5 ml tube to a 96 well plate in one minute using a 12 channel VOYAGER pipette. Compare this to the ten minutes it requires to transfer 96 samples using a single channel pipette.

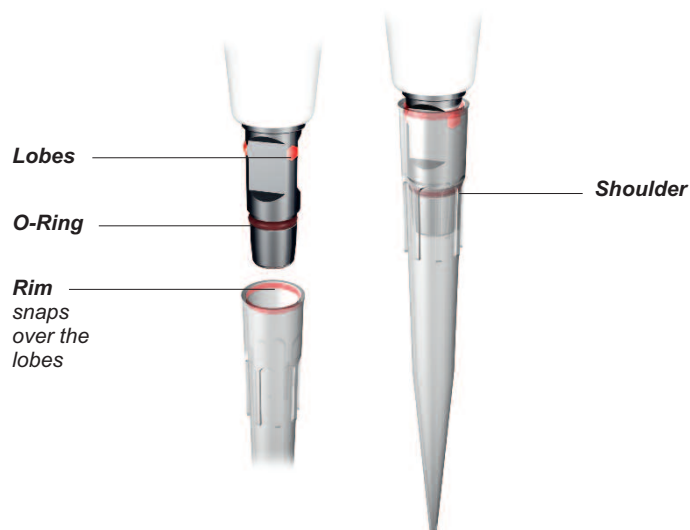


Note: Samples transferred from 1.5 ml micro centrifuge tubes to microtiter plates (96 or 384 well formats)

GripTips snap on

Do your pipette tips ever loosen, leak or fall off? This is a common issue in laboratories, caused by the use of universal pipette tips. Such tips require “hammering on” which stretches the shape of the pipette tip rim. The stretched pipette tip rim immediately starts moving back to its original shape, away from the tip cone. This can cause leaking, misaligned tips and even pipette tips that completely fall off the pipette!

This will never happen with any VOYAGER electronic pipette / GripTip combination. Featuring a low attachment force and a low ejection force, GripTips effortlessly snap onto the tip fittings and are easily ejected. Also, GripTips feature a high lateral resistance once attached to the VOYAGER pipettes. This means GripTips are always firmly attached and perfectly aligned, regardless of how many side well touch offs are performed. You no longer have to hammer your pipette tips on or worry about pipette tips falling off!



The rim of the GripTips will snap over the Multi-Lobes, attaching firmly. As a result, GripTips will never accidentally fall off, even after several touch-offs.

A shoulder provides a positive stop to prevent over-tightening of the tip. The pipette tip cannot be advanced beyond the positive stop ensuring all tips are at the same height, thus increasing precision when touching off. That means, the tip is either on or off, but nothing in between. Hammering the pipette into the tips to make sure they attach correctly is no longer required.

Versatile User Interface


Same as all INTEGRA electronic pipettes; VOYAGER pipettes feature a color screen and proven touch wheel user interface for quick and comprehensive menu navigation. Simply by moving a finger over the touch wheel, menus and settings can be accessed. All menus are spelled out on the clear to read screen making memorizing abbreviations unnecessary.

A choice of ten predefined pipetting modes provides users with convenient solutions for the most common liquid handling tasks. Standard pipetting routines, such as repeat dispensing, can be executed with minimal set up time.

For more elaborate pipetting routines, up to 20 personalized custom programs can be created and saved. Custom programs can contain up to 98 individual steps based upon the following basic operations: Aspirate, Dispense, Mix, Purge, Prompt and Tip Spacing.



Ordering information

Instrument	Channels	Volume range	Part No.
 VOYAGER Electronic Pipettes	Four	10 – 300 µl	4143
		50 – 1250 µl	4144
	Six	10 – 300 µl	4163
		50 – 1250 µl	4164
	Eight	0.5 – 12.5 µl	4121
		5 – 125 µl	4122
		10 – 300 µl	4123
		50 – 1250 µl	4124
	Twelve	0.5 – 12.5 µl	4131
		5 – 125 µl	4132

Instruments do not include a power supply. Choose your desired charging option below.

Charging options	Part No.
Universal voltage power supply	4200
Single pipette charging stand, with power supply	4210
Single pipette charging / programming stand, with power supply	4211
Four station pipette charging stand, with power supply	4215

GripTips for use with VOYAGER Pipettes		Part No.	Part No.	Part No.
GripTip Size	Description	Sterile Filter	Sterile	Non-Sterile
12.5 µl LONG	5 Racks of 384 GripTips	4405	4404	4403
12.5 µl	5 Racks of 384 GripTips	4415	4414	4413
125 µl	5 Racks of 384 GripTips	4425	4424	4423
300 µl	5 Racks of 96 GripTips	4435	4434	4433
1250 µl	5 Racks of 96 GripTips	4445	4444	4443

Bulk GripTips for use with VOYAGER Pipettes		Part No.
GripTip Size	Description	Non-Sterile
12.5 µl LONG	1 Bag of 1000 GripTips	4401
12.5 µl	1 Bag of 1000 GripTips	4411
125 µl	1 Bag of 1000 GripTips	4421
300 µl	1 Bag of 1000 GripTips	4431
1250 µl	1 Bag of 500 GripTips	4441

GripTip GREEN CHOICE inserts for use with VOYAGER Pipettes		Part No.	Part No.
GripTip Size	Description	Pre-Sterilized	Non-Sterile
12.5 µl LONG	5 Inserts of 384 GripTips	4406	4402
12.5 µl	5 Inserts of 384 GripTips	4416	4412
125 µl	5 Inserts of 384 GripTips	4426	4422
300 µl	5 Inserts of 96 GripTips	4436	4432
1250 µl	5 Inserts of 96 GripTips	4446	4442

Accessories	Part No.
Replacement battery	4205
VIALINK software	4235

More productive pipetting tools

VIAFLO II Electronic Pipettes

The ultra lightweight, well balanced designs of the VIAFLO II pipettes feature unsurpassed multichannel pipetting ergonomics, even during prolonged pipetting sessions.



VIAFLO 96 & VIAFLO 384

The only affordable and easy to use, electronic handheld 96 and 384 channel pipettes. Interchangeable pipetting heads allow you to adapt the instruments to different volume ranges.



Reagent reservoirs

Disposable reservoir inserts designed to save you money and space! Available in 10 ml, 25 ml and 100 ml configurations.



VIAFLO ASSIST

The ultimate ergonomic solution for multichannel pipetting. Simply insert one of thirteen VIAFLO II electronic pipettes, press the RUN button and watch the ASSIST pipette for you!



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