INTEGR



Productive Pipetting From 1 To 384 Channels



Have you ever had a sore wrist from repeatedly hammering on universal pipette tips, or had your experiment wrecked by loose or leaking tips?

Lighthith, why won't you attach!? BINSH! BINSH! BINSH!

... UNIVERSAL TIPS CAUSE TIP MISALIGNMENT WHICH LEADS TO ...



NOT GOOD FOR SCIENCE





...LOOSE AND LEAKING TIPS



SCIENCE IS HARD ENOUGH WITHOUT PIPETTING PROBLEMS!



UNIVERSAL TIPS CAN BE A REAL PAIN IN THE ...

That's why we developed GripTip pipette tips, so that scientists like Tina - the star of our comic strip - can get the results that they deserve!



SO YOU CAN FOCUS ON THE REAL SCIENCE



Wow! THS IS AMAZING!

GRIPTIPS THAT PERFECTLY ALIGN,

AND DON'T LEAK OR FALL OFF

DON'T LET UNIVERSAL TIPS GET IN THE WAY OF YOUR SUCCESS!



The problems and misery that universal pipette tips have caused Tina are all too familiar to scientists working at the bench...

One size doesn't fit all

Universal pipette tips are designed to fit pipettes from multiple manufacturers, and often require users to hammer on the tips, resulting in a suboptimal fit. Before you know it, your tips are loose, leaking or, worse still, falling off, ruining your results and your day.

The perfect connection

INTEGRA GripTips are designed to offer a perfect fit on all of our pipettes, effortlessly snapping onto the tip fittings. The unique design prevents over tightening, and offers low attachment and ejection forces, ensuring that all tips are at the same height for perfect alignment and seal. So, you can stop worrying about loose, leaking or falling off tips and focus on your science!

SET VOLUMES IN THE BLINK OF AN EYE INSTEAD OF A TWIST OF THE WRIST!

An ultra light and well-balanced design for unrivalled ergonomics

Three quick set dials to change volumes faster and easier than conventional manual pipettes



EVOLVE Manual Pipettes

Want a more efficient pipetting solution? We've got exactly what you need.

Traditional pipettes use a single rotating plunger to set volumes, which can make frequent volume changes tedious. INTEGRA's revolutionary **EVOLVE** manual pipette is here to change that.

- Three adjustable quick set dials for rapid volume changes, and to prevent volume drift while pipetting
- GripTips securely attach and perfectly align to the EVOLVE, removing the risk of tips leaking or falling off

Spend less time changing volumes and more time getting results!

1, 8, 12 and 16 channels available

0.2 to 5000 µl volume ranges

10x faster volume adjusting





THE PERFECT PIPETTING SYSTEM



Color screen with full text menus and proven touch wheel interface for quick and easy navigation

Standard pipetting routines, such as repeat dispensing or serial dilutions, can be executed with minimal set-up time



VIAFLO

Lightweight Electronic Pipettes

Monotonous manual pipetting getting you down? Problem solved.

GripTips securely attach to the VIAFLO, removing

the risk of tips leaking or

falling off

Electronic pipettes can significantly improve your workflows and help you get amazing results, fast. And that's why we produced the **VIAFLO**.

- Simple-to-use, predefined pipetting protocols for the most common liquid handling applications
- Customizable multistep programs support specific tasks, including aspiration, repeat dispensing, mixing and more
- Lightweight design, perfect balance and unsurpassed operational comfort for both left- and right-handed users

Intuitive and productive, what's not to like? Get your hands on the VIAFLO. 1, 8, 12 and 16 channels available

0.5 to 5000 μl volume ranges

Up to 40 user-defined programs





ARE YOU PIPETTING SAMPLES BETWEEN DIFFERENT LABWARE FORMATS?



throughput of a multichannel pipette with the ability to transfer liquids between different labware

VOYAGER

Automatic Adjustable Tip Spacing Pipettes

Changing sample volumes or formats? We've got you covered.

Individually transferring multiple samples from one labware format to another is a tedious and potentially error-prone task. But we've got just the thing for you – the VOYAGER.

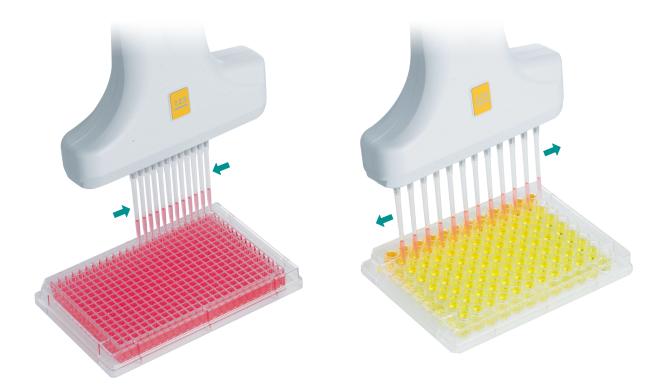
- · Supports parallel pipetting between labware of different sizes and formats
- Transfers samples from 1.5 ml tubes to 96 well plates up to 12 times faster than single channel pipettes
- · Boosts pipetting productivity and reduces pipetting errors

Save yourself hours of pipetting with the VOYAGER.

"I am very pleased with the VOYAGER, we've had it for several years and it is very robust. It is something that everybody loves and it gets used a lot; it is so user friendly."



Professor Iris Lindberg University of Maryland Medical School



Transfer samples between different plate formats with ease, minimizing the chance of error and increasing productivity.

Let us solve your pipetting problems! The VOYAGER is your variable tip spacing solution.

Flexibility at your fingertips.

Why go back and forth between different labware with a single channel pipette when you could be using the **VOYAGER**?

- Unique design supports gel loading, plate reformatting, pipetting to and from tube racks, and cell plating
- Reduces the number of sample transfers and prevents the risk of developing repetitive strain injuries and introducing pipetting errors
- The perfect companion for a wide variety of genomic, proteomic and cell culture applications

Sounds too good to be true? Give it a try and see for yourself. 4, 6, 8 and 12 channels available

0.5 to 1250 µl volume ranges

4.5 to 33 mm adjustable tip spacing



Check out the **VOYAGER** in action!

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HANDHELD PIPETTING

Best Practices

Accurate pipetting is an important skill that is often overlooked by many labs, yet it is a vital part of your lab work and will help you to produce the best results. Make sure you and your lab are fully trained in pipetting best practices to maximize reliability and reduce the chance of pipetting errors.

Don't let pipetting errors ruin your results! Follow pipetting best practices.



Get your poster, now!

YOUR PERSONAL PIPETTING ASSISTANT



ASSIST

Automated Multichannel Pipetting Robots

Want reproducible results? Meet your new lab partner.

Multichannel pipettes are invaluable for getting fantastically reproducible results and increased throughput in multiwell plates. We've made this even better. Here's the **ASSIST**.

- Significantly increase the reproducibility of all pipetting protocols, such as serial dilutions, plate filling and reagent additions
- Automatically carry out protocols for your desired application, reducing the risk of repetitive strain injuries
- Simply click in a VIAFLO electronic pipette for the perfect pipetting
 partnership

The compact and consistent lab companion. Reliable results, every time. 8,12 and 16 channels available

0.5 to 1250 µl volume ranges

6 to 384 well microplates



Check out the **ASSIST** in action!

YOU ARE NOT A ROBOT...SO DON'T ACT LIKE ONE FREE YOURSELF FROM ROUTINE PIPETTING



Automated Multichannel Pipetting Robots

So much to do, so little time. Time to automate your workflow.

A pipetting robot is a considerable investment for many laboratories, but it doesn't have to be. We developed a solution – meet the **ASSIST PLUS**.

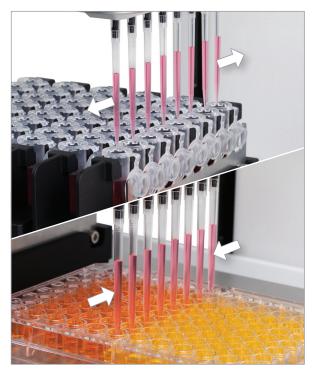
- Automation of electronic multichannel pipettes streamlines routine
 pipetting tasks for superior reproducibility
- · This compact system increases both hands-free time and throughput
- · Intuitive VIALAB pipette automation software simplifies program set-up

ASSIST PLUS is the smallest and most affordable pipetting robot to offer variable tip spacing!

"The level of automation provided by the ASSIST PLUS has been hugely beneficial to our entire group, and it can be used in many applications within our workflow."



Yvette Hoade The Cancer Institute, University College London



Tube to plate reformatting at the press of a button, with INTEGRA's VOYAGER adjustable tip spacing pipette.



Choose any of INTEGRA's 25 electronic multichannel pipettes and click it into the ASSIST PLUS for exceptional workflow flexibility.

Equip the ASSIST PLUS with a VOYAGER pipette to enable tip spacing to be adjusted automatically!

With multiple pipetting options, you'll never look back.

- · Exceptional flexibility at an affordable price
- Compatible with numerous labware types, including reservoirs, tubes and plates
- · Provides access to new applications by using any of INTEGRA's 25 electronic multichannel pipettes

Excellent results and unmatched ergonomics - what are you waiting for?

- · Processes increased sample numbers quickly and efficiently, streamlining lab work
- · Enhances process control and increases workflow consistency by removing inter-operator variability and human error
- Eliminates the physical strain of manual pipetting, reducing the chance of repetitive strain injuries

4, 6, 8, 12 and 16 channels available

0.5 to 1250 µl volume ranges

12 to 384 well microplates





Go on, treat yourself – get the pipetting solution you deserve!

ASSIST PLUS



VIAFLO 96/384 Handheld Electronic Pipettes The compact design fits on any lab bench and in most laminar flow hoods, for use under sterile conditions

Reached the limit of productivity with traditional pipettes? It's time for an upgrade.

Fully automated liquid handling robots are typically large and expensive, but we can increase your pipetting throughput without breaking the bank. Here's the **VIAFLO 96/384**.

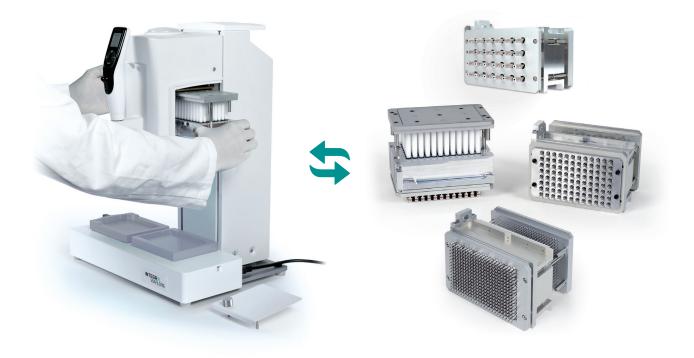
- · Streamline routine pipetting tasks for superior reproducibility
- Transfer 24, 96 or 384 samples in a single step, significantly increasing throughput
- · A fraction of the cost of larger, more complicated robots

Four times faster than an 8 channel electronic pipette for filling five 96 well plates.

"The VIAFLO 96/384 has significantly improved the accuracy and reproducibility of our pipetting; there is no human hand that can manually pipette into a 384 well plate with the same accuracy."



Dr. Wissam Mansour Anima Biotech, Israel



Easily swap between up to 10 different pipetting heads to access different channels and volume ranges for multiple applications.

Minimal set-up time for standard pipetting tasks such as plate to plate transfers and multiple dispenses.

Accelerate your multiwell pipetting!

- Ideal for quick sample transfers from plate to plate, reservoir to plate or within plates
- Minimizes pipetting errors, providing better accuracy and precision
- Perform serial dilutions by loading only 8 channels, or fill/mix entire plates with ease

Upgrade your workflow today! Add a VIAFLO 96/384 to your team.

Handheld microplate processing with intuitive operation.

- As simple to use as traditional handheld pipettes, with added productivity
- A compact design allows the VIAFLO 96/384 to be easily moved between workspaces
- Easily modify settings using the touch wheel controlled graphical user interface

24, 96 and 384 channels available

0.5 to 1250 μl volume ranges

24 to 1536 well microplates



Check out the VIAFLO 96/384 in action!

PIPETTE ROUTINE CHECK

Best Practices

Pipettes need to be calibrated annually to maintain their performance – ask your local sales person about our extended warranty and maintenance options. In the interim, it is recommended that you perform routine checks to make sure your pipettes are working at their best, and to give you confidence in your pipetting results. It's quick and easy – and we can show you how to do it!

Look after your pipettes, and be confident in your results. Give your pipettes a health check.



Get your poster, now!

SAVE TIME WITH REPEAT DISPENSING!

The interface allows users to quickly edit predefined programs, or create, store, name and recall up to 99 individual liquid handling programs

A choice of autoclavable 8 and 16 channel dispensing cassettes with different bore sizes allows accurate and rapid reagent addition Well plates are conveniently stored in the stacker using removable chimneys designed for either 25 or 50 plates

VIAFILL

Rapid Reagent Dispenser

Non-contact dispensing in a flash? It has to be the VIAFILL.

Are you ready to let rapid dispensing speed up your workflows and increase accuracy in your experiments? Then look no further than the **VIAFILL**.

- The first reagent dispenser to feature a color touchscreen user interface for intuitive navigation
- Simple set-up of repeat, variable volume and custom dispensing for a range of applications, from ELISAs to compound additions
- · Additional plate stacker for increased throughput and unattended operation

Increase your accuracy and save time. Get the VIAFILL today!



6 to 1536 well plate compatibility

<**10 second** dispense time for 100 µl to 96 well microplate

0.5 to 9999 μl volume range



Check out the **VIAFILL** in action!

THE PERFECT FIT

Lobes

O-ring seal

A perfect seal guaranteed on every tip, preventing them from loosening, leaking or completely falling off

Rim

The rim snaps over the lobes, attaching firmly, as a result, GripTips will never accidentally fall off Shoulder The shoulder provides a

positive stop and prevents over tightening – the tip is either on or off, but nothing in between, ensuring all tips are at the same height

GRIPTIP

Pipette Tips

Get the best for your pipette!

Our **GripTips** have been designed in tandem with INTEGRA pipettes, creating a unique, integrated system that offers the securest pipette tip connection on the market. This completely removes the chance of your tips leaking or falling off during experiments, resolving the common issues associated with universal tips. Who wouldn't want that?

Tips for every application

We're continually expanding our GripTip range to ensure we meet the needs of every customer, for every application.

Don't risk your results. Use GripTips!

0.5 to 5000 µl volume range

Non-sterile, sterile and filter options available

Specialty GripTips available



Check out GRIPTIPS in action!

Pipette Tips 17

SHORT GripTips

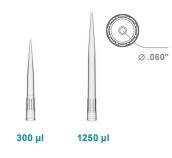


- 12.5 µl tips support the targeting of small wells
- 300 µl and 1250 µl tips offer improved ergonomics by allowing the user to pipette closer to the bench



- 12.5 µl tips allow access to the bottom of 1.5 ml microcentrifuge tubes
- 300 µl and 1250 µl tips allow access to 100 mm tubes without the risk of contamination.

Wide Bore GripTips



- Prevents shearing of cellular material while pipetting
 Supports pipetting of viscous
- Supports pipetting of viscous liquids

Low Retention GripTips

- Created from a unique polypropylene blend with heightened hydrophobic properties to allow maximum liquid recovery
- Ideal for non-aqueous and low surface tension samples, such as viscous liquids and surfactants
- Increases pipetting accuracy and consistency, and prevents the loss of precious reagents



Rack and refill options



ECO racks

- Thermoform racks reduce plastic waste by more than 60 %
- An optional PopTop base allows the lid to be opened easily with a single finger



GREEN CHOICE refills

- An environmentally-friendly refill system
- Allows reuse of the current tip racks, significantly reducing plastic waste



Tip racks

- Single rack inserts in 96 and 384 tip configurations
 The 284 tip configuration
- The 384 tip configuration is highly space efficient and allows tip loading even with a 16 channel pipette



XYZ tip racks

- Extra sturdy to withstand the loading forces from automated multichannel pipettes
- Carbon-filled base to prevent static build-up, so that tips stay perfectly aligned for easy tip loading



Not sure which tips fit your INTEGRA pipette? Try our GripTip Selector Guide!

MINIMIZE REAGENT DEAD VOLUME

INTEGRA

Clear graduations on the reusable base offer more accurate measurements and less reagent waste



SureFlo™ anti-sealing array

Unique SureFlo anti-sealing array and hydrophilic surface treatment spreads reagents evenly across the base of the reservoir, allowing tips to sit on the bottom without aspirating air and reducing dead volumes



Polystyrene

Polypropylene

CLEAR ADVANTAGE™ REAGENT RESERVOIRS

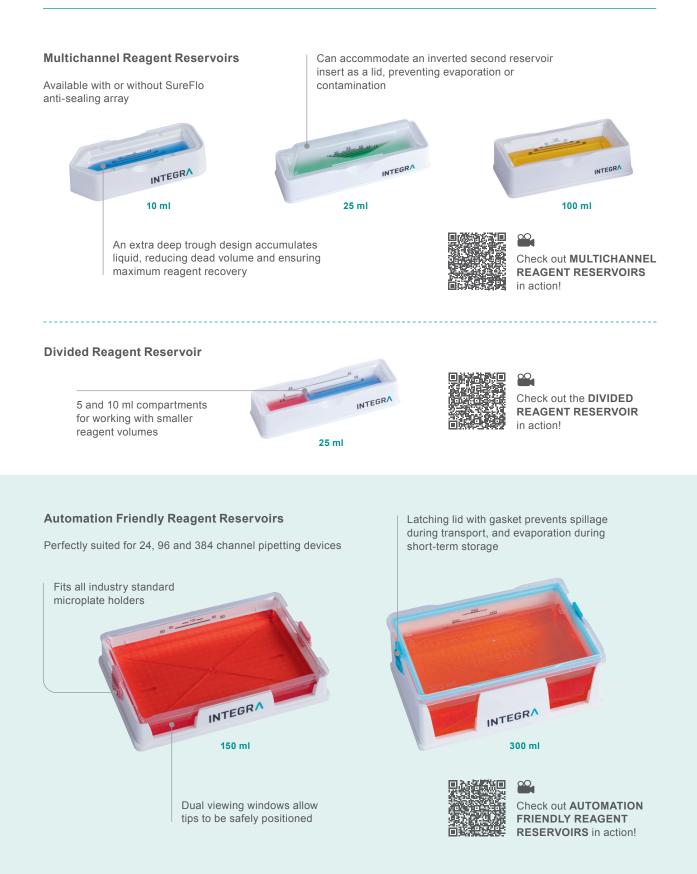
with SureFlo anti-sealing array

Don't waste precious reagents! Take advantage of INTEGRA's range of reagent reservoirs.

Unlike traditional reagent reservoirs that have hard to see graduations, all of our reservoirs fit into a reusable base with bold, crisp, clearly visible markings. This unique design leads to more accurate measurements, no over pouring and less waste – amazing!

INTEGRA's fantastic range of reagent reservoirs covers a wide range of volumes from 10 ml to 300 ml.

- INTEGRA's reservoirs are made of crystal clear 100 % virgin polystyrene or polypropylene for improved chemical compatibility
- Disposable inserts fit into reusable bases to reduce plastic waste
- · Convenient pour back spouts allow easy return of excess fluid to a source container, minimizing reagent waste
- Inserts are designed to nest inside each other, saving 75 % of space and reducing inventory footprint requirements and shipping costs



Maximize reagent savings with the lowest dead volume reservoirs in the world!

THE WORLD'S MOST POPULAR PIPETTE CONTROLLERS



PIPETBOY Pipette Controllers

Pipetting problems? Get the best on the market.

Serological pipetting can be a repetitive and laborious task, which is why we brought you the innovative **PIPETBOY** range.

- Unmatched speed and pipetting control for productive serological pipetting with the PIPETBOY pro and PIPETBOY acu 2
- Unique valve and dosing system for simple switching between dropwise addition and fast liquid displacement
- Ergonomic shape allows the pipette controller to sit comfortably in the hand, and your fingers to keep a natural position, reducing the risk of repetitive strain injuries

Brighten up your lab. And up your pipetting game.

1 to 100 ml volume range with all serological pipettes

Up to 13.5 ml/s preset speed range

2 versions multiple colors to choose from



Check out the **PIPETBOY** in action!



DOSE IT Peristaltic Pumps Flow rate can be doubled by using a second pump head, a modification that can also be used to minimize flow pulsation

Searching for an easy-to-use peristaltic pump? Look no further.

Peristaltic pumps are incredibly helpful when dispensing culture media, buffers, or other solutions, but most are difficult to program, oversized and bulky. Never fear, **DOSE IT** is here.

- Up to 20 protocols can be stored and recalled at the push of a button, for dispensing media or buffer, or filling Petri dishes
- A large display and intuitive user interface offer easy handling and straightforward setting of parameters
- The lightweight and compact design means that the system fits anywhere in the lab and can be easily moved, without wasting valuable bench space

Don't let repetitive dispensing waste valuable lab time. Try DOSE IT!

0.6 ml/min to 5 l/min flow rate

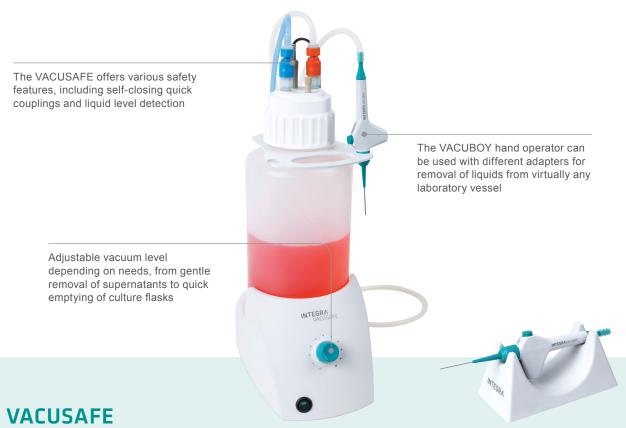
0.1 to 9999 ml dose volume

1 to 8 mm inner diameter tubing sizes



Check out the **DOSE IT** in action!

THE ASPIRATION SYSTEM FOR SAFE DISPOSAL OF LIQUIDS



Aspiration Systems

Safety first. Get the best protection for yourself and the lab.

A routine task like the aspiration, collection and disposal of liquids requires user-friendly equipment that is easy to install and can safely remove waste – the **VACUSAFE** is here to help.

- A compact, all-in-one laboratory vacuum pump that simplifies the removal of media, supernatants and wash solutions
- Straightforward operation switch on, set the desired vacuum and start working, allowing you to fully concentrate on more complex tasks
- Vacuum source protection to avoid lab contamination, and a shatterproof bottle for maximum safety

Collect and contain liquid waste in the safest way. Get the VACUSAFE.

-300 to -600 mbar adjustable vacuum range

17 ml/s aspiration rate

3 different models depending on requirements



Check out the **VACUSAFE** in action!

SIMPLE WASTE REMOVAL WHEREVER YOU NEED IT!



VACUSIP

Benchtop Aspiration Systems

Limited space? Get the most compact benchtop aspiration system.

Aspiration systems are popular pieces of lab equipment, and often need to be moved around for different tasks and experiments. That's why we made the portable **VACUSIP**.

- A convenient, compact and ready-to-use system for benchtop liquid waste disposal, with no installation or additional equipment required
- · Completely independent from external vacuum sources for total portability
- A rechargeable battery means that no power cable is needed, making working in a safety cabinet easier and more comfortable

Don't put it off any longer. Give the VACUSIP a go!

2.3 ml/s

pump flow rate (with 40 mm stainless steel tip)

-250 mbar vacuum range (±20%)

Up to 10 ml aspiration volume



Check out the **VACUSIP** in action!



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