

# INTEGRA



## MINI 96

96 Channel Portable Electronic Pipette  
Affordable and Lightweight



**Full or partial plates**

**4 models**  
for 0.5 to 1250  $\mu$ l pipetting

**96 to 384**  
well microplates

## AFFORDABLE AND LIGHTWEIGHT



Carry handles make it easy to move the lightweight instrument anywhere in the lab – including inside laminar flow cabinets.

A large display and comfortable grip make the MINI 96 easy to operate – no training required at all.

Full or partial 96 well plates, as well as 384 well plates, can be filled quickly and easily.

## MINI 96

### 96 channel Portable Electronic Pipette

The **MINI 96** is the perfect solution for laboratories that want to fill 96 or 384 well plates faster and more precisely, while keeping under budget. As the most affordable 96 channel option on the market, it enables simultaneous whole plate pipetting – as well as partial plate filling – to ensure that your lab's productivity skyrockets compared to using 8 and 12 channel pipettes. Its very small size and portability allow the instrument to be placed anywhere in the lab, and it's extremely easy to use – simply turn it on and start pipetting!

**Access to more productivity for every lab, every work space, and every budget.**

### 💡 Did you know?

The **MINI 96** is the perfect size for use in a laminar flow cabinet – and can be easily moved in and out as required.



## Versatility

The **MINI 96** is available in four volume ranges to suit your application needs. The pipette's small size makes it easy to have two instruments side-by-side to perform different steps in the same workflow.



0.5 – 12.5  $\mu$ l  
MINI 96 Pipette

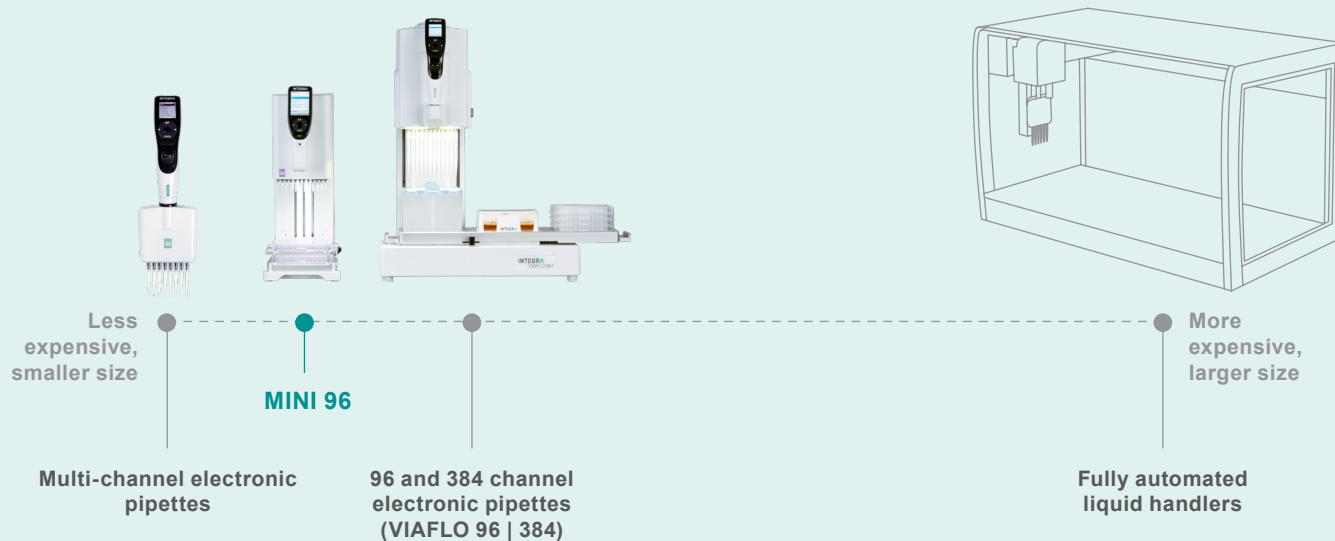
5 – 125  $\mu$ l  
MINI 96 Pipette

10 – 300  $\mu$ l  
MINI 96 Pipette

50 – 1250  $\mu$ l  
MINI 96 Pipette

## Affordability

The **MINI 96** is simply the most affordable 96 channel electronic pipette available today. This puts significantly increased pipetting productivity within the reach of virtually every lab, freeing up time and resources for other activities.



Less expensive, smaller size

MINI 96

More expensive, larger size

Multi-channel electronic pipettes

96 and 384 channel electronic pipettes (VIAFLO 96 | 384)

Fully automated liquid handlers

## Productivity

The **MINI 96** provides a big increase in productivity – significantly faster than laboriously filling microplates with an 8 channel pipette – since an entire plate can be filled at once. This also helps to improve reproducibility and accuracy, as all channels are pipetted at the same time and speed.

## Reservoir to plate transfers

Repeat Dispense mode allows ultra-fast and precise filling of multiple microplates with the same liquid, while Mixing mode ensures that dispensed liquids are homogeneous – with no strain on your hand.



Reservoir to 96 well plate transfers



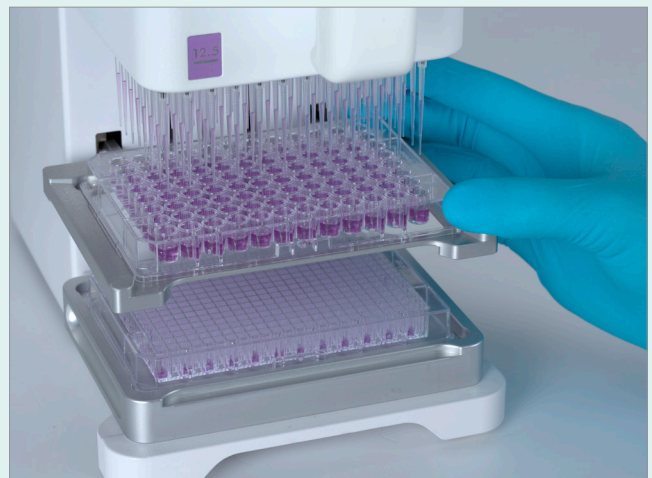
Reservoir to 384 well plate transfers

## Plate to plate transfers

Quick and simple duplication or reformatting of plates, plus easy supernatant removal. Aspiration heights can be precisely defined to ensure optimal pipetting results while avoiding the risk of tip crashing.



96 well plate to 96 well plate transfers



96 well plate to 384 well plate transfers



## Fill half plates or single columns

Filling partial plates or performing serial dilutions is easy using the optional two position stage.



Flexibility to fill as many columns as needed...



... or perform sample transfers and dilutions within a plate.

## Add a second stage



A removable second stage comes standard with each **MINI 96** to reduce labware handling. The source plate or reservoir can be placed on the base stage, then target plates can be loaded onto the second stage for filling.

## GripTips

The **MINI 96** features INTEGRA's advanced GripTip system. This securely locks the tips to the pipetting head to ensure perfect alignment and eliminate the risk of loose or leaking tips – even during sidewall touch offs. Available in a range of volumes – as well as sterile and filtered configurations – these high quality tips provide a perfect seal to maximize pipetting accuracy and reduce tip loading forces. The **MINI 96** even offers power-assisted tip loading and ejection to minimize the risk of fatigue and repetitive strain injuries.

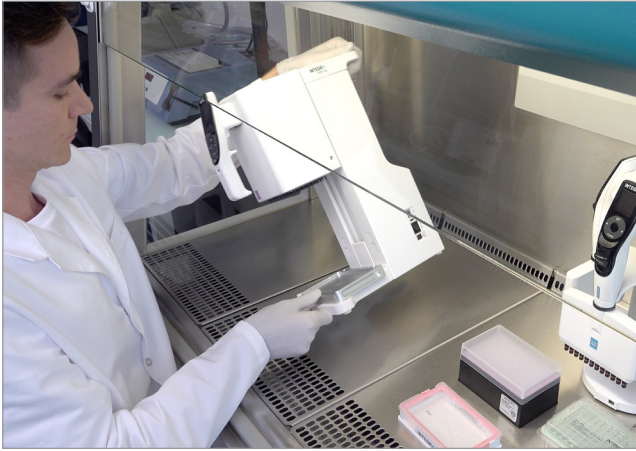


## 💡 Did you know?

GripTips are guaranteed never to leak, loosen or fall off during a protocol, and will always attach at the exact same height, ensuring error-free pipetting.

## Portability

The **MINI 96** has an ultra-compact footprint and lightweight design, making it easy to move around the lab. This makes it well suited to busy labs where multiple users are working in different places, as they can simply pick up the instrument and move it to where it's needed most – even inside laminar flow cabinets.



Easily moved into and out of laminar flow cabinets



## Ease of use

**MINI 96** is as straightforward to use as a single channel electronic pipette. It does not require any special training to operate – with simple on-screen tutorials for new users – allowing anyone in the lab to simply walk up and start pipetting within minutes of turning the instrument on. The instrument's large touch wheel-controlled graphical user interface intuitively guides the user through a choice of predefined pipetting tasks, or you can develop your own custom workflows. Together with motor-assisted operation for precise tip positioning, this makes the **MINI 96** the ideal solution for repetitive liquid handling tasks.

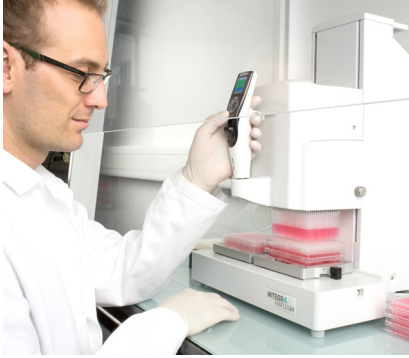


## Related products and services

There is an INTEGRA electronic pipette for every lab, every application, and every person.

### VIAFLO 96 and VIAFLO 384

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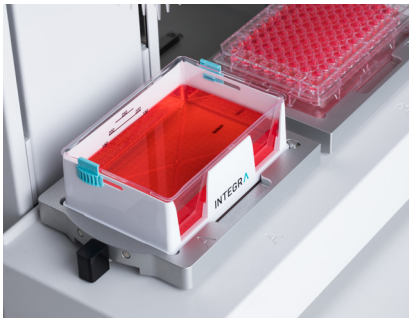


#### Versatile and Productive Handheld 24, 96 and 384 channel electronic pipette

The VIAFLO 96 and VIAFLO 384 can do everything that the MINI 96 does, with added flexibility and room to grow for future applications. 10 interchangeable heads provide various volume ranges for 24, 96, and 384 channel pipetting, offering unparalleled versatility. This includes a hands-free automatic mode for full or partial plate filling, the ability to fill 1536 well plates, and up to three deck positions for even greater productivity.

### Automation friendly reservoirs

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INTEGRA's automation friendly reagent reservoirs are designed especially for use with MINI 96, VIAFLO 96 and VIAFLO 384 pipettes, as well as being compatible with other liquid handling platforms. The SureFlo™ Array on the reservoir ensures that you will have the lowest dead volume possible (less than 3 ml) because the tips can rest directly on the bottom of the reservoir, ensuring maximum liquid recovery. Each reservoir fits into a reusable base – simply keep the base and replace the 150 or 300 ml reservoirs inserts.

### Preventative maintenance and calibration services

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Regular servicing through INTEGRA is an economical, eco-friendly, and convenient way to prolong instrument lifetime and ensure smooth operation. To maintain the performance of your 24, 96 or 384 channel pipettes, INTEGRA strongly recommends calibration on an annual or half-yearly basis. This service can be provided either on-site by highly competent technicians (in participating countries), or in one of our climate-controlled laboratories.

**Contact your local INTEGRA partner to find out more.**

## Ordering information

Visit the *parts and numbers* section on our website to view all available accessories and consumables.

Description	Part no.
<b>MINI 96 Pipette</b> , 0.5 – 12.5 µl	4801
<b>MINI 96 Pipette</b> , 5 – 125 µl	4802
<b>MINI 96 Pipette</b> , 10 – 300 µl	4803
<b>MINI 96 Pipette</b> , 50 – 1250 µl	4804

Description	Part no.
<b>ACCESSORY</b> , Two Position Stage	4850
Two Position Stage required for partial tip loading (loading less than 96 tips)	

**GripTips for use with MINI 96** – For more GripTip options, including Low Retention, Wide Bore, and long/short versions, please refer to our website.

Description		Filter Sterile Part no.	Sterile Part no.	Non-sterile Part no.
12.5 µl	5 XYZ racks of 384 tips	6455	6454	6453
125 µl	5 XYZ racks of 384 tips	6465	6464	6463
300 µl	5 racks of 96 tips	6435	6434	6433
	GREENCHOICE Refills, 5 inserts of 96 tips	-	-	6432
1250 µl	5 racks of 96 tips	6445	6444	6443
	GREENCHOICE Refills, 5 inserts of 96 tips	-	-	6442

### Automation Friendly Reagent Reservoirs

Description		Part no.
Reservoir bases	150 ml, 8 reservoir bases, non-sterile, automation friendly (microplate format)	6301
	300 ml, 8 reservoir bases, non-sterile, automation friendly (microplate format)	6305
Reservoir inserts	150 ml, 30 individually sealed, sterile, incl. 1 base and 1 lid	6317
	150 ml, 100 bulk, sterile, incl. 1 base and 1 lid	6318
	300 ml, 30 individually sealed, sterile, incl. 1 base and 1 lid	6327
	300 ml, 100 bulk, sterile, incl. 1 base and 1 lid	6328
Accessories	PCR 96 well Cooling Block	6250
	PCR 384 well Cooling Block	6255

Technical data	MINI 96
Channels	96
Pipetting technology	air displacement
Compatible plate formats	96 and 384 well microplates, shallow and deep well
Dimensions (W x D x H)	16 cm x 26 cm x 40 cm (6.3" x 10.2" x 15.8") – for 12.5 and 125 unit 16 cm x 26 cm x 44 cm (6.3" x 10.2" x 17.3") – for 300 and 1250 unit
Weight	8.8 kg (19.5 lbs) – for 12.5 and 125 unit 9.4 kg (20.7 lbs) – for 300 and 1250 unit
Operating conditions	Temperature: 5 °C – 40 °C, Humidity: < 85 % non-condensing
Power requirements	100 – 240 VAC, 50/ 60 H

### Head specifications

Part no.	4801	4802	4803	4804
Vol. Range	0.5 – 12.5 µl	5 – 125 µl	10 – 300 µl	50 – 1250 µl
Accuracy	± 1.5 %	± 1.5 %	± 1.2 %	± 1.8 %
Precision	≤ 1.0 %	≤ 1.0 %	≤ 0.8 %	≤ 0.8 %

Specifications presented for nominal volume. Please refer to our website for a complete list of specifications.





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