

# INTEGRA



## PIPETBOY GENIUS

Intelligent serological pipet controller

Dispense smarter



### Repeat dispense

accurate and fast repeat dispensing of 0.1 to 50 ml aliquots with the push of a button

### Overfill protection

prevent over aspirating liquid into instrument

### Precise and rapid

speed control until the very last drop, for pipets from 1 to 100 ml

## Lightning-fast repeat dispensing with protection against overfilling



## PIPETBOY GENIUS

### Intelligent serological pipet controller

The **PIPETBOY GENIUS** is the only serological pipet controller you will ever need. Until now, using serological pipets to dispense multiple aliquots has been slow and tedious, requiring the user to constantly watch the graduations with every dispense. The **PIPETBOY GENIUS** is the solution to your pain. This instrument's groundbreaking repeat dispense ability enables the user to dispense the same volume multiple times from a single aspiration at just the press of a button. This feature is faster and more accurate than pipetting according to graduation marks, enabling precise and effortless pipetting of volumes from 0.1 to 50 ml. It boasts cutting-edge, built-in overfill protection to prevent loss of time due to filter replacement. The lightweight and compact **PIPETBOY GENIUS** also guarantees perfect control of the liquid until the very last drop.



### Safety and control

The **PIPETBOY GENIUS** offers unmatched control of pipetting speeds, from drop-by-drop dispensing to fast liquid displacement. The pipetting speed is easily regulated by applying variable pressure to the aspirate and dispense buttons, and vibration-free pipetting ensures superior liquid control compared to other pipet controllers. On top of this, the **PIPETBOY GENIUS** includes a Steady-Grip feature, which ensures that any serological pipet – from 1 to 100 ml – will be firmly held by the controller during use. This unique device is available in an array of colors, injecting a splash of vibrancy into your laboratory while revolutionizing the art of pipetting.

## Repeat dispensing

The **PIPETBOY GENIUS** allows you to easily switch between traditional manual use and the groundbreaking repeat dispense function when using INTEGRA serological pipets. One press of the repeat dispense button enables precise and hassle-free aliquoting of volumes between 0.1 and 50 ml, ensuring fast and reproducible serological pipetting. While the **PIPETBOY GENIUS** can be used with any serological pipet, the repeat dispense function can only be used when the exact volume of the pipet is known. The **PIPETBOY GENIUS** is able to automatically detect the volume of INTEGRA's serological pipets for seamless repeat dispensing.

### Work much faster without needing to repeatedly check the graduation marks by eye

Simply press a button to dispense the desired volume and speed up your workflow, avoiding the fatigue of manual dispensing.



1: Set the dispense volume...



2: ...aspirate as much liquid as you want...



3: ...and press button to dispense the aliquot.

### Better precision and accuracy than dispensing by the graduation marks

The risk of variation or errors due to manual dispensing is reduced, as every dispense is controlled by the instrument. This is highly reproducible, and more precise than dispensing by eye.



#### Did you know?

Repeat dispensing on the PIPETBOY GENIUS is usually more precise than dispensing manually. You may see the dispense vary from the graduation of the pipet – this is expected!



Scan here to  
learn why

## Overfill protection

Overfilling a pipet by aspirating beyond its capacity can be annoying, as the contaminated filter must be replaced, interrupting pipetting workflows and hindering productivity.

Fortunately, the **PIPETBOY GENIUS** is equipped with the world's only automatic overfill protection. Aspiration will automatically stop just above the nominal volume of the pipet, so there is no need to worry about overfilling. This can speed up pipetting workflows without the risk of aspirating too much. Just like repeat dispense, this feature can be used only with INTEGRA serological pipets.



## Total control of liquid until the last drop

The **PIPETBOY GENIUS** combines vibration- and noise-free pipetting with exceptional speed control, allowing precise drop-by-drop dispensing until the very last drop. This makes it ideal for all applications, especially for pipetting sensitive cells and layering purposes.

The intuitive, 3-position speed switch offers a convenient way to set fast, medium and slow pipetting speeds. The simple aspirate and dispense buttons allow you to control speeds to an even finer degree if needed. In addition, when using INTEGRA serological pipets, the **PIPETBOY GENIUS** is the only instrument that automatically adjusts the maximum aspiration speed according to the volume of the inserted pipet, enabling optimal manual liquid control.



## Secure fit for serological pipets

Steady-Grip feature within the nose piece ensures a stable, secure fit for any volume pipet (1-100 ml). Serological pipets are easy to click in and are held more firmly in place than with other serological pipet controllers, reducing shaking when moving between labware. This is thanks to our innovative Steady-Grip design, featuring a silicone and spring system. The Steady-Grip feature provides optimal stability when pipetting and makes it easier to work with narrower vessels like test tubes.



## Feature overview

This table provides an overview of the available features of the **PIPETBOY GENIUS** when used with INTEGRA serological pipets and generic serological pipets. It also compares the **PIPETBOY GENIUS** to our well-known serological pipet controller, **PIPETBOY acu 2**, which is used in thousands of labs around the world.

| Feature  | PIPETBOY GENIUS<br>(with INTEGRA serological pipets) | PIPETBOY GENIUS<br>(with generic serological pipets) | PIPETBOY acu 2<br>(with any serological pipet) |
|--|--|--|--|
| Repeat dispense                                    | ✓  | —  | —  |
| Overfill protection                                | ✓  | —  | —  |
| Vibration-free pipetting until the last drop       | ✓  | ✓  | —  |
| Steady-Grip feature                                | ✓  | ✓  | —  |
| Pressure-controlled speed for total liquid control | ✓  | ✓  | ✓  |

## Bring color to your lab

The **PIPETBOY GENIUS** is available in 6 colors. Assign specific colors to individual applications to avoid mixed use and enhance workflow safety, or simply brighten up your workflows.



## Multiple options for storage

- Stable position when placed on its back
- Mounting crown for a perfect click-in fit in the wall mount
- Ledge on the top of the device enables upside-down storage
- A separate ledge on the side of the device allows elevated storage of the **PIPETBOY GENIUS** with an empty serological pipet inserted, to avoid contamination



## Ergonomic handle and design

The **PIPETBOY GENIUS** is lightweight (<200 g), with the same, well-known grip as our prior models. It is also well balanced to sit comfortably in the hand, and has been designed to enable the easy, one-handed operation of all buttons and dials.





# INTEGRA serological pipets

INTEGRA serological pipets are of the highest quality, supplied in a wide range of volumes to suit various workflows, and incorporate an array of features for easy serological pipetting, such as an anti-drip design and a dispenser box. Best of all, INTEGRA knows the importance of availability for serological pipets, and is dedicated to ensuring on-demand ordering.

## Design

- Broad range of volumes (1-100 ml)
- Anti-drip design (25, 50 and 100 ml pipets):  
the tip of the INTEGRA serological pipet is designed to reduce the risk of pipets dripping, especially during transfer of larger liquid volumes
- The pipet's colored mouthpiece serves as a pipet identifier, enabling repeat dispense and overfill protection when used with the **PIPETBOY GENIUS**

## Quality

- Accuracy  $\pm 2\%$  of the nominal volume
- Clear polystyrene material
- Sterile, non animal-derived material
- Easy tracking of lot numbers on the INTEGRA download center (<https://www.integra-biosciences.com/en/support/downloads>)

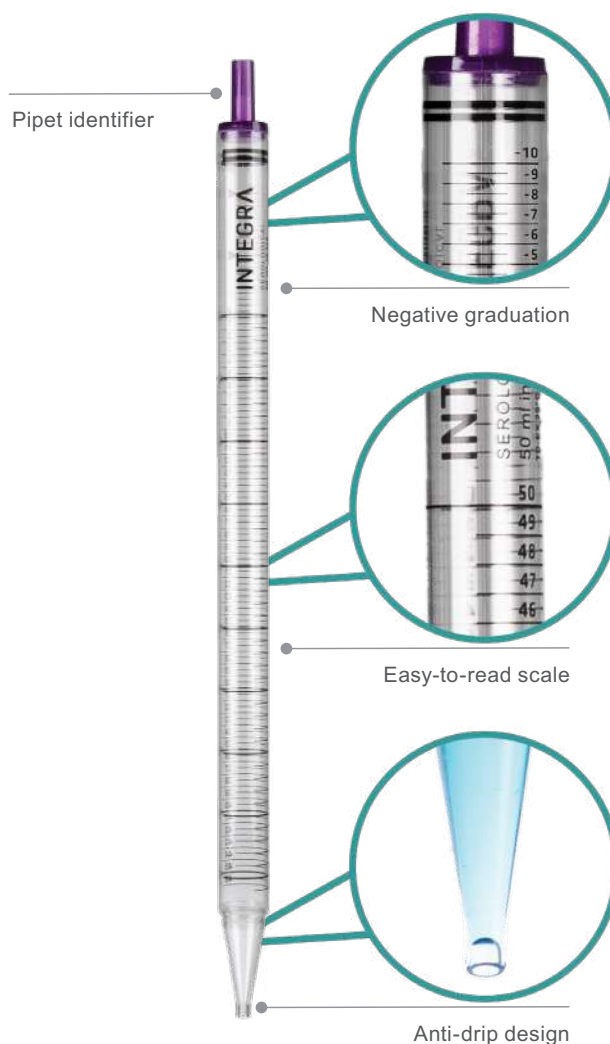
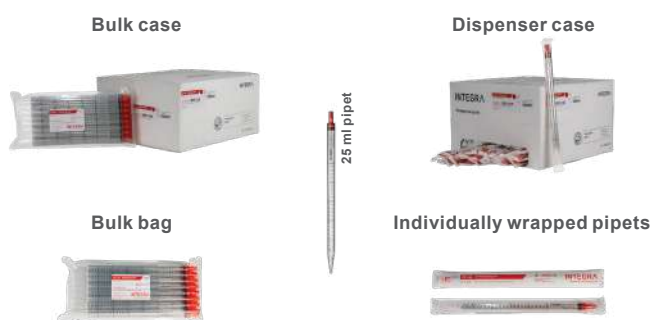
## Reading

- Easy-to-read, bi-directional graduation
- Negative graduation for additional working volume

## Packaging

- Dispenser box for individually wrapped pipets
- Bulk pipets supplied in easy-to-open, resealable zipper bags

## Packaging options



## Did you know?

Check out our 'How to' series to improve your serological pipetting skills.



Scan here to  
watch the videos

# Ordering information

| Instrument   | Color           | Part no. |
|--|-----------------|----------|
| <b>PIPETBOY GENIUS</b><br>Pipet controller with lithium-polymer battery,<br>spare 0.45 µm sterile filter and wall mount<br><br><b>Mains adapter not included, must be ordered separately</b> | white whiz      | 1011     |
|  | lemon luminary  | 1012     |
|  | mint mastermind | 1013     |
|  | berry brainy    | 1014     |
|  | blue brilliance | 1015     |
|  | steel smart     | 1016     |
|  |                 |          |

| Accessories                              |                 | Part no. |
|--|-----------------|----------|
| Mains adapter<br>(100-240 VAC, 50/60 Hz) | US / JP version | 1200     |
|  | EU / KR version | 1201     |
|  | UK version      | 1202     |
|  | AU / CN version | 1203     |

| Consumables           |  | Part no. |
|-----------------------|--|----------|
| Filter 0.45 µm        | Sterile/non-sterile, please refer to our website for the country-specific part numbers |          |
| Filter 0.2 µm         | Sterile/non-sterile, please refer to our website for the country-specific part numbers |          |
| Pipet mount, silicone |  | 1220     |
| Battery, LiPo         |  | 1210     |

# Serological pipets

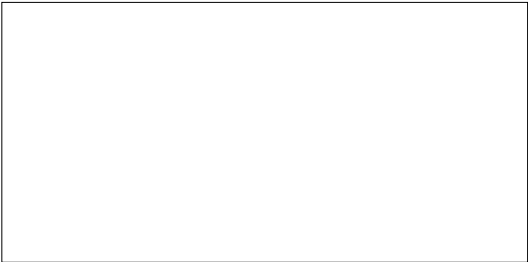
| Individually wrapped pipets | Part no. | Quantity |
|-----------------------------|----------|----------|
| 1 ml                        | 1401     | 1000     |
| 2 ml                        | 1402     | 1000     |
| 5 ml                        | 1403     | 200      |
| 10 ml                       | 1404     | 200      |
| 25 ml                       | 1405     | 200      |
| 50 ml                       | 1406     | 100      |
| 100 ml                      | 1407     | 100      |

| Bulk pipets | Part no. | Quantity          |
|-------------|----------|-------------------|
| 1 ml        | 1501     | 1000 (25 per bag) |
| 2 ml        | 1502     | 1000 (25 per bag) |
| 5 ml        | 1503     | 500 (25 per bag)  |
| 10 ml       | 1504     | 500 (25 per bag)  |
| 25 ml       | 1505     | 200 (25 per bag)  |
| 50 ml       | 1506     | 100 (25 per bag)  |
| 100 ml      | 1507     | 100 (10 per bag)  |

# Technical data

|                          |   |
|--------------------------|---|
| Repeat dispense accuracy | Repeat dispenses accurate to ±2 % at 10 % of the full volume of the pipet |
| Gravity dispense         | Slight pressure on dispense button  |
| Pipet compatibility      | Glass and plastic pipets with volumes from 1-100 ml                       |
| Filter protection        | 0.45 µm (included) or 0.2 µm (order separately)                           |

|                      |  |
|----------------------|--|
| Weight               | 193 g  |
| Operating conditions | 5-40 °C, max. 80 % RH  |
| Running time         | Min. 2000 pipetting cycles of 25 ml (with fully charged battery) |
| Power requirements   | 100-240 VAC, 50/60 Hz  |
| Battery              | Rechargeable, Lithium-polymer, 1300 mAh                          |



Contact us:

