

# ○ Liquid Handling Products

*Orange Scientific*



# TIPOR-V<sup>+</sup>: Single Channel Adjustable Volume Micropipettors



As with all its other ranges, Orange Scientific goal is to offer high tech products, at the best quality, giving added value and innovative features to the user, all at an equitable price. All TIPOR-V<sup>+</sup> micropipettors present the following features:

- The TIPOR-V<sup>+</sup> are volumetric instruments designed to measure and transfer liquids precisely and safely. It can measure and transfer volumes from 0.2 $\mu$ l to 10000 $\mu$ l depending on the model.

- Features Super Low Pipetting Forces. Our TIPOR-V<sup>+</sup> feature significantly lower pipetting forces than the average pipetting forces in the market.
- A special handle has been designed for comfort of use during long hours.
- The length of the tip ejector can be regulated by +1mm or +2mm. The ejector itself can be removed when working with narrow tubes.
- Fully Autoclavable.
- TIPOR-V<sup>+</sup> should not normally be adjusted. However, they are designed to be easily in-lab calibrated and include a free calibration tool with each instrument.\*
- Orange Scientific offers a calibration service in its laboratory. Please contact you local distributor for details.\*
- A 3 year warranty covers each product.
- CE marked and IVD certified

\* Calibration of pipettors means determining the difference between the dispensed volume and the selected volume. Adjustment means altering the pipettor so that the dispensed volume is within the specifications. Usually the word calibration is understood as adjusting the pipettor, and therefore, calibration, as used in this text, means testing and adjusting.

Catalogue #	Volume (μl)	Accuracy (%)	Precision (%)	Fits to tip (μl)	Colour Code
3540100	Min	0.2 ±12.0	≤6.0	10 μl	Red
		1.0 ±2.7	≤1.3		
	Max	2.0 ±1.5	≤0.7		
3540105	Min	0.5 ±4.0	≤2.8	10 μl	Red
		5.0 ±1.0	≤0.6		
	Max	10.0 ±0.5	≤0.4		
3540110	Min	2 ±3.0	≤1.5	200 μl	Purple
		10 ±1.0	≤0.5		
	Max	20 ±0.8	≤0.3		
3540115	Min	10 ±1.6	≤0.8	200 μl	Orange
		50 ±0.8	≤0.24		
	Max	100 ±0.8	≤0.2		
3540120	Min	20 ±1.2	≤0.6	200 μl	Yellow
		100 ±0.8	≤0.25		
	Max	200 ±0.6	≤0.2		
3540125	Min	100 ±1.6	≤0.4	1000 μl	Blue
		500 ±0.7	≤0.2		
	Max	1000 ±0.6	≤0.15		
3540130	Min	1000 ±0.6	≤0.25	5000 μl	Turquoise
		2500 ±0.6	≤0.2		
	Max	5000 ±0.5	≤0.15		
3540135	Min	1000 ±2.5	≤0.6	10000 μl	White
		5000 ±0.8	≤0.3		
	Max	10000 ±0.5	≤0.2		
3520201	Universal Carrousel Stand for 6 Tipor-V <sup>+</sup> or Tipor-F				

Free micropipettor hanger and calibration tool included with every micropipettor



Universal Carrousel Stand for 6 Tipor-V<sup>+</sup> or Tipor-F



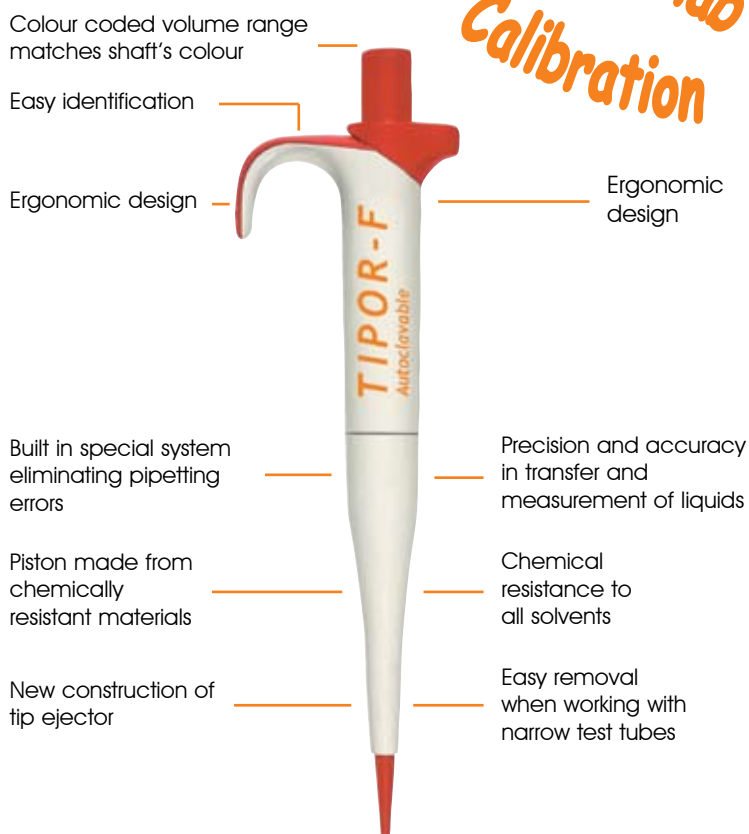
Measurement conditions: distilled water at temperature 20°C ± 1°C

# TIPOR-F: Single Channel Fixed Volume Micropipettors

All TIPOR-F micropipettors present the following features:

- TIPOR-F are designed for accurate and repeatable measure transfer of liquids of constant volume from 2 to 1000 $\mu$ l.
- TIPOR-F are ergonomically designed for easy and comfortable use even during long hours.
- TIPOR-F have a built-in special system increasing repeatability of measured quantities and eliminating pipetting errors.
- TIPOR-F have a blown-out mechanism ensuring complete removal of liquid from the tip.
- Different shaft colours allow easy identification of the instrument volume.
- TIPOR-F should not normally be adjusted. However, they are designed to be easily in-lab calibrated and include a free calibration tool with each instrument.\*
- Orange Scientific offers a calibration service in its laboratory. Please contact you local distributor for details.\*
- A 3 year warranty covers each micropipettor.
- CE marked and IVD certified

Easy in-lab  
Calibration



3 YEAR WARRANTY

\* Calibration of pipettors means determining the difference between the dispensed volume and the selected volume. Adjustment means altering the pipettor so that the dispensed volume is within the specifications. Usually the word calibration is understood as adjusting the pipettor, and therefore, calibration, as used in this text, means testing and adjusting.

Catalogue #	Volume ( $\mu$ l)	Accuracy (%)	Precision (%)	Fits to tip ( $\mu$ l)	Shaft colour
3510100	2	$\pm 3.0$	$\leq 1.5$	200 $\mu$ l	red
3510105	5	$\pm 2.0$	$\leq 1.0$	200 $\mu$ l	red
3510110	10	$\pm 1.2$	$\leq 0.5$	200 $\mu$ l	red
3510115	20	$\pm 0.9$	$\leq 0.4$	200 $\mu$ l	red
3510120	25	$\pm 0.9$	$\leq 0.4$	200 $\mu$ l	red
3510125	50	$\pm 0.9$	$\leq 0.3$	200 $\mu$ l	yellow
3510130	100	$\pm 0.9$	$\leq 0.3$	200 $\mu$ l	yellow
3510135	200	$\pm 0.6$	$\leq 0.2$	200 $\mu$ l	yellow
3510140	200	$\pm 0.6$	$\leq 0.2$	1000 $\mu$ l	green
3510145	250	$\pm 0.6$	$\leq 0.2$	1000 $\mu$ l	green
3510150	500	$\pm 0.6$	$\leq 0.2$	1000 $\mu$ l	green
3510155	1000	$\pm 0.6$	$\leq 0.2$	1000 $\mu$ l	green

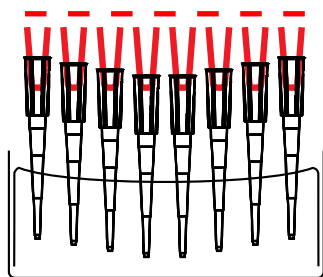
Free micropipettor hanger and calibration tool included with every micropipettor



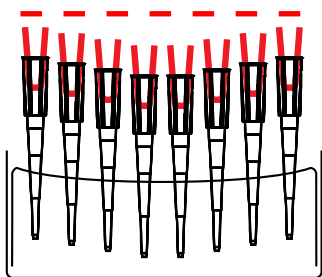
Measurement conditions: distilled water at temperature 20°C  $\pm$  1°C

# TIPOR-M<sup>+</sup>: Multi Channel Adjustable Volume Micropipettors

- Features all characteristics of TIPOR-V<sup>+</sup> including super low pipetting forces.
- Precise and simultaneous delivery of 8 or 12 preset-volumes doses of liquid.
- The shafts without O-rings ensure the compatibility of the pipettes with a broad assortment of tips.
- The special ejector shape reduces the force required for the tips ejection.
- The handle can be turned 360° ensuring easy handling as per the will of the user.
- CE marked and IVD certified
- In-situ calibration possibilities. Calibration and warranty services as per the TIPOR-F and TIPOR-V<sup>+</sup>.
- New Independent Cone Mechanism insuring that each cone fits precisely the tip it is inserted to. Consequently, it minimises pipetting and blowout forces, but, most importantly, significantly reduces tip sealing and ejection force.



When pressing the multi-channel against a rack, the latter always bends. With standard multi-channels, the cones stay aligned. This prevents the cones from entering the tips correctly and obliges the user to force the multi-channel.



The new TIPOR-M<sup>+</sup> features cones which are independent. Therefore each cone enters and sills easily its facing tip. Forces used are considerably lowered and safety is significantly increased.

TIPOR-M <sup>+</sup> 8 CHANNEL				
Catalogue #	Volume (µl)	Accuracy (%)	Precision (%)	Colour Code
3560100	Min 1	±8.0	≤8.0	Red
	Max 10	±2.0	≤2.0	
3560105	Min 5	±4.0	≤3.0	Green
	Max 50	±1.6	≤1.0	
3560110	Min 20	±2.0	≤1.5	Yellow
	Max 200	±1.0	≤0.8	
3560115	Min 50	±1.6	≤1.5	Blue
	Max 300	±1.0	≤0.8	

TIPOR-M <sup>+</sup> 12 CHANNEL				
Catalogue #	Volume (µl)	Accuracy (%)	Precision (%)	Colour Code
3560118	Min 1	±8.0	≤8.0	Red
	Max 10	±2.0	≤2.0	
3560120	Min 5	±4.0	≤3.0	Green
	Max 50	±1.6	≤1.0	
3560125	Min 20	±2.0	≤1.5	Yellow
	Max 200	±1.0	≤0.8	
3560130	Min 50	±1.6	≤1.5	Blue
	Max 300	±1.0	≤0.8	

STANDS	
3530201	Stand for TIPOR-M <sup>+</sup> 8 Channel
3530202	Stand for TIPOR-M <sup>+</sup> 12 Channel

Measurement conditions: distilled water at temperature 20°C ± 1°C



- 1 Colour identification specific to each volume
- 2 Ergonomic design
- 3 Digital display
- 4 Tip ejector
- 5 Easy to turn tip cone
- 6 Highest quality corrosion resistant pistons in each channel
- 7 Volume setting by turning the push button
- 8 Grippy finger rest work comfort
- 9 Accuracy and reproducibility of measured liquids



### Pipette Tips

- Minimal liquid retention. Ultra Low Retention (ULR) tips assure even less liquid retention. ULR tips reduce the tip retention by nearly 85 % and decreases the standard deviation of the retained volume by more than 75 %.
- Universal grip design, using flexible materials with a series of bands and supports producing a positive seal.
- Thin walls and a small surface area at the tip orifice; greatly minimising the possibility of the tip retaining sample droplets.
- The angle between the bevelled tips and the receiving vessel reduces the area surface of the tip touching the vessel. This angle combined with an ultra-thin orifice reduces the effect of liquid samples creeping up the side of the tip (capillary effect). By reducing this capillary effect, Orange Scientific tips and filter tips dispense accurate volumes.
- All tips are provided with calibration lines at specific volumes, acting as visual checks to minimise any risk of errors during sample aspiration.
- Made of high quality, low adhesion, polypropylene.
- Production complies with EN ISO standard 8655 and DIN 12650, controlled according to DIN 12600.
- Autoclavable at 121°C for 15 minutes.
- All tips are certified DNase and RNase free. Sterile tips are non pyrogenic (LAL testing).
- Available in bulk or in refillable racks. Racks feature a hinged lid that opens at 120° for easy micropipettor access, and are autoclavable.



### **DNase and RNase Free Non Pyrogenic**

#### Special 1000µl tip Design:

Usual 1000µl tips are wide and short. They do not reach the bottom of narrow vials.

Orange Scientific features a special long 1000µl which reaches the bottom of the even narrowest vials.



Long 1000µl Tip



Short (Standard) 1000µl Tip

### Filter Tips

In addition to above mentioned characteristics:

- All aerosols and liquids are prevented from entering the micropipettor. Thus, cross contamination is prevented.
- Virgin Polyethylene filters without additives (a potential source of contamination).
- Micropore technology ensures that the filters will never trap samples in the tip. Should the filter become wet due to inadvertent over-pipetting, it will act as a barrier to the passage of liquid, yet the sample in the

### **DNase and RNase Free Non Pyrogenic**

tip may still be dispensed in the normal way, and can be re-used without fear of contamination. All filter tips are metal free.

- The PCR\*-Filter tips (0.1-10  $\mu$ l) are specially engineered for PCR\* multiplication/ techniques, and provide the researcher with the confidence that the entire amount of enzymes or DNA will be captured for testing purposes and reliable results. Ordinary filter tips do not offer this feature. (\* PCR-is protected by patents issued to Hoffmann-La Roche, Inc.)
- Use of 100 % pure virgin Polypropylene.
- New manufacturing process without the use of inconsistent processes such as adding silicone.



Catalogue #	Description	Sterile	Colour	Packaging	Bags/Case, Racks/Case
2501000	Tip 0.1-10 $\mu$ l	No	Clear	1000 / bag	20
2501005	Tip 0.1-10 $\mu$ l	No	Clear	96 / rack	10
2501010	Tip 0.1-10 $\mu$ l	Yes	Clear	96 / rack	10
2501020	Tip 0.5-10/20 $\mu$ l, Cristal	No	Clear	1000 / bag	20
2501025	Tip 0.5-10/20 $\mu$ l, Cristal	No	Clear	96 / rack	10
2501030	Tip 0.5-10/2 $\mu$ l, Cristal	Yes	Clear	96 / rack	10
2501035	Tip 1-200 $\mu$ l	No	Clear	1000 / bag	20
2501040	Tip 1-200 $\mu$ l	No	Yellow	1000 / bag	20
2501045	Tip 1-200 $\mu$ l	No	Clear	96 / rack	10
2501050	Tip 1-200 $\mu$ l	No	Yellow	96 / rack	10
2501055	Tip 1-200 $\mu$ l	Yes	Clear	96 / rack	10
2501070	Tip 5-300 $\mu$ l	No	Clear	1000 / bag	20
2501075	Tip 5-300 $\mu$ l	No	Clear	96 / rack	10
2501080	Tip 100-1000 $\mu$ l, Long	No	Clear	500 / bag	20
2501085	Tip 100-1000 $\mu$ l, Long	No	Blue	500 / bag	20
2501086	Tip 100-1000 $\mu$ l, Short	No	Light Blue	1000 / bag	10
2501090	Tip 100-1000 $\mu$ l, Long	No	Clear	96 / rack	10
2501095	Tip 100-1000 $\mu$ l, Long	No	Blue	96 / rack	10
2501096	Tip 100-1000 $\mu$ l, Short	No	Light Blue	60 / rack	10
2501100	Tip 100-1000 $\mu$ l, Long	Yes	Clear	96 / rack	10
2501101	Tip 100-1000 $\mu$ l, Short	Yes	Light Blue	60 / rack	10
2501111	Tip 100-1000 $\mu$ l, Short	Yes	Light Blue	1000 / bag	1
2501112	Tip 100-1000 $\mu$ l, Short	No	Light Blue	1000 / bag	1
3550100	Tip 1000-5000 $\mu$ l	No	Clear	150 / bag	1
3556410	Tip 10.000 $\mu$ l	No	Clear	100 / bag	1
2506000	Ultra Low Retention Tip 0,1-10 $\mu$ l	No	Clear	1000 / bag	20
2506005	Ultra Low Retention Tip 0,1-10 $\mu$ l	No	Clear	96 / rack	10
2506010	Ultra Low Retention Tip 0,1-10 $\mu$ l	Yes	Clear	96 / rack	10
2506020	Ultra Low Retention Tip 0,5-10/20 $\mu$ l, Cristal	No	Clear	1000 / bag	20
2506025	Ultra Low Retention Tip 0,5-10/20 $\mu$ l, Cristal	No	Clear	96 / rack	10
2506030	Ultra Low Retention Tip 0,5-10/20 $\mu$ l, Cristal	Yes	Clear	96 / rack	10
2506035	Ultra Low Retention Tip 1-200 $\mu$ l	No	Clear	1000 / bag	20
2506045	Ultra Low Retention Tip 1-200 $\mu$ l	No	Clear	96 / rack	10
2506055	Ultra Low Retention Tip 1-200 $\mu$ l	Yes	Clear	96 / rack	10
2506080	Ultra Low Retention Tip 100-1000 $\mu$ l, Long	No	Clear	500 / bag	20
2506090	Ultra Low Retention Tip 100-1000 $\mu$ l, Long	No	Clear	96 / rack	10
2506100	Ultra Low Retention Tip 100-1000 $\mu$ l, Long	Yes	Clear	96 / rack	10
2502000	Filter Tip 0.1-10 $\mu$ l	Yes	Clear	96 / rack	10
2502005	Filter Tip 0.5-10 $\mu$ l, Cristal	Yes	Clear	96 / rack	10
2502010	Filter Tip 1-20 $\mu$ l	Yes	Clear	96 / rack	10
2502015	Filter Tip 1-30 $\mu$ l	Yes	Clear	96 / rack	10

Catalogue #	Description	Sterile	Colour	Packaging	Bags/Case, Racks/Case
2502020	Filter Tip 1-50 µl	Yes	Clear	96 / rack	10
2502025	Filter Tip 1-100 µl	Yes	Clear	96 / rack	10
2502030	Filter Tip 1-200 µl	Yes	Clear	96 / rack	10
2502035	Filter Tip 5-230 µl	Yes	Clear	96 / rack	10
2502040	Filter Tip 100-1000 µl, Long	Yes	Clear	96 / rack	10
2502041	Filter Tip 100-1000 µl, Short	Yes	Light Blue	60 / rack	10
2502042	Filter Tip 100-1000 µl, Short	No	Light Blue	60 / rack	10
2502045	Filter Tip 0.1-10 µl	No	Clear	1000 / bag	5
2502050	Filter Tip 0.1-10 µl	Yes	Clear	1000 / bag	5
2502055	Filter Tip 0.5-10/20 µl, Cristal	No	Clear	1000 / bag	5
2502060	Filter Tip 0.5-10/20 µl, Cristal	Yes	Clear	1000 / bag	5
2502065	Filter Tip 1-20 µl	No	Clear	1000 / bag	5
2502070	Filter Tip 1-20 µl	Yes	Clear	1000 / bag	5
2502075	Filter Tip 1-30 µl	No	Clear	1000 / bag	5
2502080	Filter Tip 1-30 µl	Yes	Clear	1000 / bag	5
2502085	Filter Tip 1-50 µl	No	Clear	1000 / bag	5
2502090	Filter Tip 1-50 µl	Yes	Clear	1000 / bag	5
2502095	Filter Tip 1-100 µl	No	Clear	1000 / bag	5
2502100	Filter Tip 1-100 µl	Yes	Clear	1000 / bag	5
2502105	Filter Tip 1-200 µl	No	Clear	1000 / bag	5
2502110	Filter Tip 1-200 µl	Yes	Clear	1000 / bag	5
2502115	Filter Tip 5-230 µl	No	Clear	1000 / bag	5
2502120	Filter Tip 5-230 µl	Yes	Clear	1000 / bag	5
2502125	Filter Tip 100-1000 µl, Long	No	Clear	500 / bag	10
2502126	Filter Tip 100-1000 µl, Short	No	Light Blue	500 / bag	10
2502130	FilterTip 100-1000 µl, long	Yes	Clear	500 / bag	10
2502131	FilterTip 100-1000 µl, Short	Yes	Light Blue	500 / bag	10
2507000	Ultra Low Retention Filter Tip 0,1-10 µl	Yes	Clear	96 / rack	10
2507005	Ultra Low Retention Filter Tip 0,5-10 µl, Cristal	Yes	Clear	96 / rack	10
2507010	Ultra Low Retention Filter Tip 1-20 µl	Yes	Clear	96 / rack	10
2507012	Ultra Low Retention Filter Tip 0,5-20 µl, Cristal	Yes	Clear	96 / rack	10
2507015	Ultra Low Retention Filter Tip 1-30 µl	Yes	Clear	96 / rack	10
2507020	Ultra Low Retention Filter Tip 1-50 µl	Yes	Clear	96 / rack	10
2507025	Ultra Low Retention Filter Tip 1-100 µl	Yes	Clear	96 / rack	10
2507030	Ultra Low Retention Filter Tip 1-200 µl	Yes	Clear	96 / rack	10
2507040	Ultra Low Retention Filter Tip 100-1000 µl	Yes	Clear	96 / rack	10
2503000	racks for tips 10-200 µl (8x12)	No	Clear Lid / White Body		10
2503005	racks for tips 250 µl (8x12)	No	Clear Lid / White Body		10
2503010	racks for tips 300 & 1000 µl long (8x12)	No	Clear Lid / White Body		10
2503015	racks for tips 100-1000 µl short (6x10)	No	Clear Lid / White Body		10

## PCR Tubes

- Available in 0.2 ml and 0.5 ml both with flat caps and domed caps, and in various colours.
- Crystal clear transparency.
- Withstand being heated in a thermoblock or being subjected to high-speed centrifugation.
- Thin wall design reduces cycle times and improves product quality by proving accurate, rapid and uniform heat transfer.
- Even with the use of a thermal cycler fitted with a heated lid, the tubes feature 100 % sealing without the need for an oil overlay.
- Flat Cap PCR-Tubes provide handling convenience for low through-

## DNase and RNase Free Non Pyrogenic



put usage.

- Domed Cap PCR-Tubes facilitate efficient heat transfer with "hot-lid" thermal cyclers.
- Each batch of product is certified DNase and RNase free and free from human DNA contamination.
- One hand opening system, without any risk of sample contamination.
- Autoclavable when open at 121°C for 20 minutes.

Catalogue #	Description	Sterile	Colour	Packaging	Bags / Case
2504002	PCR-Tubes 0,2 ml, flat cap	Yes	Clear	1000 / Bag	1
2504000	PCR-Tubes 0,2 ml, flat cap	No	Clear	1000 / Bag	10
2504005	PCR-Tubes 0.2 ml, flat cap	No	Yellow	1000 / Bag	10
2504010	PCR-Tubes 0.2 ml, flat cap	No	Blue	1000 / Bag	10
2504015	PCR-Tubes 0.2 ml, flat cap	No	Magenta	1000 / Bag	10
2504022	PCR-Tubes 0,2 ml, domed	Yes	Clear	1000 / Bag	1
2504020	PCR-Tubes 0,2 ml, domed	No	Clear	1000 / Bag	10
2504025	PCR-Tubes 0.2 ml, domed	No	Yellow	1000 / Bag	10
2504030	PCR-Tubes 0.2 ml, domed	No	Blue	1000 / Bag	10
2504035	PCR-Tubes 0.2 ml, domed	No	Magenta	1000 / Bag	10
2504042	PCR-Tubes 0.5 ml, flat cap	Yes	Clear	1000 / Bag	1
2504040	PCR-Tubes 0.5 ml, flat cap	No	Clear	1000 / Bag	10
2504045	PCR-Tubes 0.5 ml, flat cap	No	Yellow	1000 / Bag	10
2504050	PCR-Tubes 0.5 ml, flat cap	No	Blue	1000 / Bag	10
2504055	PCR-Tubes 0.5 ml, flat cap	No	Magenta	1000 / Bag	10
2504062	PCR-Tubes 0.5 ml, domed	Yes	Clear	1000 / Bag	1
2504060	PCR-Tubes 0.5 ml, domed	No	Clear	1000 / Bag	10
2504065	PCR-Tubes 0.5 ml, domed	No	Yellow	1000 / Bag	10
2504070	PCR-Tubes 0.5 ml, domed	No	Blue	1000 / Bag	10
2504075	PCR-Tubes 0.5 ml, domed	No	Magenta	1000 / Bag	10

## Micro Tubes

- Available in 0.5 ml, 1.5 ml and 2.0 ml.
- Perfect sealing properties.
- One hand opening system, without any risk of sample contamination.
- Excellent chemical stability.
- Excellent optical properties.
- Flat frosted lid.
- Graduations from 0.1 ml to 1.5 ml or 2.0 ml.

## DNase and RNase Free Non Pyrogenic



Catalogue #	Description	Sterile	Colour	Packaging	Bags / Case
2505007	Microtube 1.5 ml	Yes	Clear	1000 / Bag	1
2505025	Microtube 1.5 ml <sup>①</sup>	No	Clear	1000 / Bag	10
2505027	Microtube 1.5 ml	No	Clear	1000 / Bag	8
2505052	Microtube 2.0 ml	Yes	Clear	1000 / Bag	1
2505072	Microtube 2.0 ml	No	Clear	1000 / Bag	8
2505090	Microtube 0.5 ml	No	Clear	1000 / Bag	10
2505095	Microtube 0.5 ml	No	Yellow	1000 / bag	10
2505100	Microtube 0.5 ml	No	Blue	1000 / bag	10
2505105	Microtube 0.5 ml	No	Magenta	1000 / bag	10

<sup>①</sup> Not certified Non Pyrogenic, RNase Free and DNase Free.

## ○ Serological Pipettes

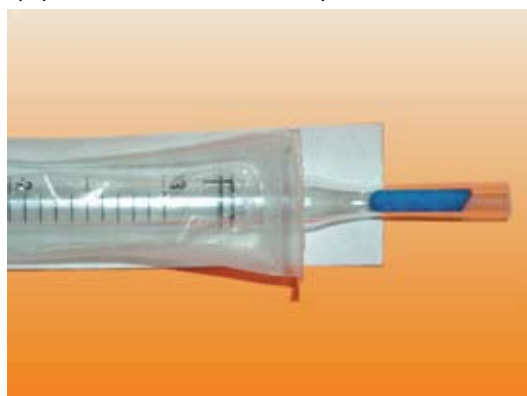
The Orange Scientific serological pipettes are specially designed for Cell Culture. The special cotton colour coding system enables an easy, clear and rapid identification of the pipette volume in use. They are made of high grade polystyrene.

Our serological pipettes are made out of a single piece. Neither the tip nor any other parts are welded to the main body. Therefore, as our pipettes do not have welding points, no liquid can stay trapped at such welding points.

The 5, 10 and 25 ml pipettes all feature a length of under 30 cm. This short length enables easy handling and moderate raising of the arm thus preventing excessive fatigue.



- Certified Sterile (by Gamma)
- Certified Non Pyrogenic
- Certified Non Cytotoxic
- Certified Non Hemolytic
- Negative Graduation giving further volume
- Cotton Stop and Colour Coding
- Bi-directional graduation on 5 ml, 10 ml and 25 ml pipettes offers easier reading
- Safe and Easy Peel-Off Packaging: The peel-off back includes the following information: Lot Number, Expire Date and the wording "Sterile, Non Pyrogenic". Thus, the labelling even on each pipette insures all safety and certification requirements.



Catalogue #	Volume	Colour Code	Graduation	Negative Graduation	Pipettes / Box
PN1E1	1 ml	Yellow	1/100 ml	0.3 ml	500
PN2E1	2 ml	Green	1/50 ml	0.4 ml	500
PN5E1	5 ml	Blue	1/10 ml	3.0 ml	250
PN10E1	10 ml	Orange	1/10 ml	3.0 ml	200
PN25E1	25 ml	Red	1/5 ml	2.6 ml	100
PN50E1	50 ml	Purple	1/2 ml	10 ml	75

## Light, Ergonomic, Efficient

One of the lightest pipette controllers you can get, the *ComfoPette* from Orange Scientific offers a unique combination of features to give you precision finger tip control in a unique streamlined design.

- Extremely light: Only 181g.
- Comfortable concave triggers
- 8 hours battery charge life
- Recharges during use
- 3 aspirate & dispense modes all with variable speed
  - High : High speed, to blow-out (triggers controlled)
  - Low : Low speed, to blow-out (triggers controlled)
  - G : Gravity, to deliver, suction as in "Low", dispense by gravity
- Supplied with easy-to-use Bench Stand and 3 filters
- Environmentally friendly metal hybrid battery
- Autoclavable pipette adaptor
- Suitable for all types of pipettes 1-100 ml
- CE marked



# ComfoPette



The ergonomically designed *ComfoPette* and its triggers allow easy grip and use without causing fatigue.

Catalogue #	Description	Units / Case
3110100	ComfoPette (Euro plug)	1
3110102	ComfoPette (US plug)	1
3110201	Replacement filter set 0.45µm	5
3110202	Replacement filter set 0.2µm	5
3110203	Replacement silicone pipette holder	1
3110204	Sterile filter 0.45µm	1
3110205	Nosecone	1

The *ComfoPette* easy-to-use bench stand increases efficiency through quick and blind deposit / pick-up.