Pipetors

MPC Series, Research MicroPipettes

Pipettes are having smart soft hand-grip of Thermoplastic Elastomer (TPE) ensuring.

• Minimum transfer of body heat to the Pipets resulting in high accuracy even on continuous use • Minimum fatigue of hands & necks • Reduced thumb stress • Easy identification through color coding • Very attractive look.

1. Soft Comfort – The smooth plunger mechanism offers least resistance for ease of effortless accuracy.
2. Comfortable Finger Rest – for resting of the Pipette on either hand.
3. Tip ejector – for smooth ejection of the tip preventing any contamination.
4. Ergonomic – Best in-hand grip for comfort.
5. Precise setting – of the selected volume ensures accurate dispensing of the liquid.
6. Light weight – of the Pipette makes your job less tiresome & improves efficiency.
7. Ideal Shaft Shape – Helps reach contents in narrow or deep tubes.
8. Durable Tip Cone – offers highest resistance to shocks and chemical corrosion.
9. Not atoclaveable.

Variable Volume MicroPipettes

Model	Volume Range	Increment	Inaccuracy (±)%	Imprecision (±)%
MPC-2.5	0.1 – 2.5µl	0.01µl	12	6
			2.5	1.6
MPC-10	0.5 – 10µl	0.1µl	2.5	1.5
			1	0.8
MPC-50	5 – 50µl	0.5µl	2	2
			0.6	0.3
MPC-100	10 – 100µl	0.5µl	3	1.5
			0.8	0.15
MPC-1000	100 – 1000µl	5.0µl	2	0.7
			0.6	0.2
MPC-20	2 – 20µl	0.1µl	3	2
			0.9	0.4
MPC-200	20 – 200µl	0.1µl	2	0.8
			0.6	0.15
MPC-5000	500 – 5000µl	50.0µl	2	0.6
			0.5	0.2

*** Not atoclaveable**

MicroPipette Stands

Model	Capacity
151-1-000013	4 MicroPipettes
151-1-000014	6 MicroPipettes

- Soft smart finger-grip of TPE.
- Manifold can rotate 3600 for easy right or left hand operation.
- Easily removable & fully autoclavable manifold.
- One hand tip ejection.
- Soft force tip loading and ejection.
- Consistent sample loading.
- Leak free sealing of tip.
- Attractive color coding.
- Compatible with most types of tips.
- Calibration report enclosed with every Pipette.
- **Not atoclaveable.**

Multichannel MicroPipettes

Model	Vol. Range	Channel	Increment	Inaccuracy(±)%	Imprecision(±)%
MPC8-10	0.5 – 10µl	8	0.1	4	4
				1.5	1.5
MPC8-50	5 – 50µl	8	0.5	3	2
				1	0.7
MPC8-100	10 – 100µl	8	1	1.5	1.5
				1	0.5
MPC8-300	30 – 300µl	8	1	1.5	0.75
				0.8	0.25
MPC12-10	0.5 – 10µl	12	0.1	4	4
				1.5	1.5
MPC12-50	5 – 50µl	12	0.5	3	2
				1	0.7
MPC12-100	10 – 100µl	12	1	1.5	1.5
				1	0.5
MPC12-300	30 – 300µl	12	1	1.5	0.75
				0.8	0.25

*** Not atoclaveable**

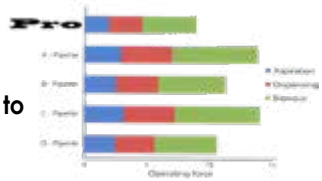
MPP

MPP Series, Gen-Next MicroPipettes

- Surprisingly light weight yet robust
- Color coding for easy identification
- Special engineering plastics resulting in better protection against chemical and physical corrosion
- Fully autoclavable
- Enhanced UV resistance for higher durability
- Calibrated in ISO 17025 accredited laboratory. Supplied with individual QC and calibration report according to ISO 8655.

- Ergonomic design
- Light & smooth plunger action
- Soft feel handle grip
- Suitable for both – left and right hand users.

- One of the lowest operating force requirement compare to most of the Pipettes.



- Large and clear 4 digit display giving smaller increments for wider volume selection options
- Resistance free click stop counter
- Volume display is always visible while Pipetting.

- Soft touch tip ejection
- Locking mechanism for preventing accidental volume changes.

- Special Teflon" sealing mechanism in lieu of conventional O-ring resulting in long lasting precise and smooth operation.

- In house cleaning, repair and calibration possible without any special tools
- Easily accessible recalibration mechanism.

MPP8

- Pipette handle has coating of Thermoplastic Elastomer which prevents transfer of body heat to the Pipette ensuring high accuracy even during continuous use.

- Shelf mounting stand for convenient storage and handling.

- Manifold can rotate 360° to allow any convenient Pipetting angle
- Specially designed tip cone with O-ring resulting in:
  - Leak free operation
  - Smooth and light loading and ejection
  - Choice of variety of tips
- Each channel is calibrated individually
- Includes all innovative features of Pro single channel Pipette.

PIPETTES Professional Micro

Fix Volume MicroPipette:

Model	Volume (µl)	Inaccuracy (±) %
MPPF-2.5	2.5	2
MPPF-5	5	1.3
MPPF-10	10	1.2
MPPF-20	20	1
MPPF-25	25	1
MPPF-50	50	0.7
MPPF-100	100	0.6
MPPF-200	200	0.6
MPPF-250	250	0.6
MPPF-500	500	0.6
MPPF-1000	1000	0.6
MPPF-2000	2000	0.3
MPPF-5000	5000	0.3
MPPF-10000	10000	0.6

Pipette Stands:

Model	Description
151-1-000040	Carousel stand for 6 Pipettes
151-1-000041	Shelf mount Pipette holder

Variable Volume MicroPipette:

Model	Test Volume (µl)	Increments (µl)	Inaccuracy (±) %
MPP-2.5	0.25	0.002	12
	1.25		3
	2.5		2.5
MPP-10	1	0.02	2.5
	5		2
	10		1
MPP-20	2	0.02	3
	10		1.5
	20		0.9
MPP-50	5	0.1	2
	25		0.8
	50		0.6
MPP-100	10	0.1	3
	50		1
	100		0.8
MPP-200	20	0.2	2.5
	100		0.7
	200		0.6
MPP-1000	100	1	3
	500		1
	1000		0.6
MPP-5000	500	10	2.4
	2500		1.2
	5000		0.6
MPP-10000	1000	20	3
	5000		1.8
	10000		0.6

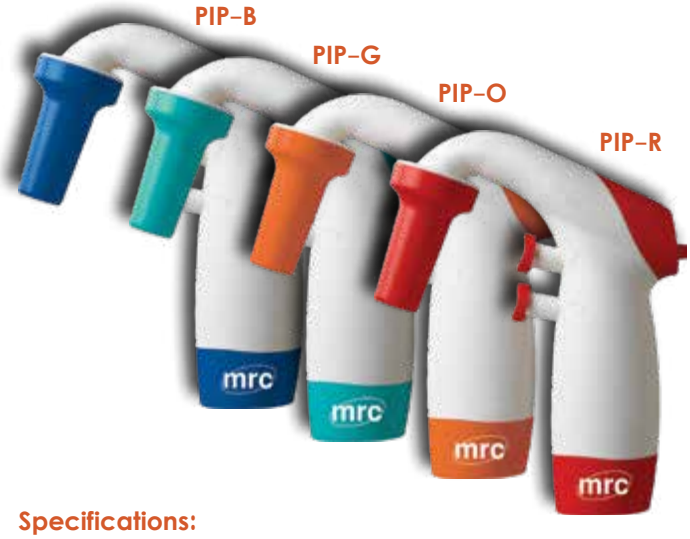
8/12 Channel MicroPipette:

Model	Test Volume (µl)	Increments (µl)	Inaccuracy (±) %
MPP8-10 MPP12-10	1	0.002	8
	5		4
	10		2
MPP8-20 MPP12-20	2	0.02	7
	10		3
	20		2
MPP8-50 MPP12-50	5	0.1	3
	25		1.5
	50		1
MPP8-100 MPP12-100	10	0.1	3
	50		1
	100		0.8
MPP8-200 MPP12-200	20	1	5
	100		1
	200		0.7
MPP8-300 MPP12-300	30	0.02	3
	150		1
	300		0.6

PIP Series, Smart Pipette Controllers

Powerful yet quiet pump • Soft grip push buttons • Double safety valve • Autoclavable Pipette cone.

- **Can fill 25ml Pipette under 4 seconds.**
- **Safety valve and hydrophobic filters provide double protection against fluid penetration.**
- **2 different speed modes – High & Low along with Gravity drain.**
- **The pump speed can also be fine-tuned by varying finger pressure on operating knobs for better control of speed.**
- **Cadmium free environment friendly NiMH batteries.**
- **Batteries can be changed very easily by the user.**
- **The intelligent charger prevents over charging I heating of batteries.**
- **Low battery indicator.**
- **The specially designed Desktop Stand enables the PipetteHelp to be charged while resting on it.**
- **The PipetteHelp can hold the serological Pipette while resting on Desktop Stand.**



Ordering Information:

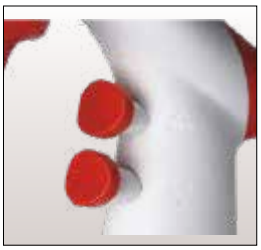
Model	Description
PIP-R	Red
PIP-B	Blue
PIP-O	Orange
PIP-G	Green

Accesories:

Model	Description
151-1-000001	Silicone Pipette adaptor with safety valve
151-1-000002	Pipette cone- autoclavable - Red
151-1-000003	Pipette cone- autoclavable - Blue
151-1-000004	Pipette cone- autoclavable - Orange
151-1-000005	Pipette cone- autoclavable - Green
151-1-000006	PTFE membrane Filter Set, 0.20 11m (5pes)
151-1-000007	PTFE membrane Filter Set, 0.45 11m (5pes)
151-1-000008	Battery charger
151-1-000009	Adaptor for charger plug
151-1-000010	NiMH battery (set of two batteries)
151-1-000011	Wall mounting stand
151-1-000012	Desktop stand

Specifications:

Power	2 x 1.2 V 11000 mAh NiMH batteries
Battery Service Life	Eight hours continuous use
Battery Charging time	2 – 3 hours to charge fully
Volumetric Range	Plastic or Glass Pipette from 0.1ml up to 200ml
Safety System	Replaceable hydrophobic 0.45 11m PTFE filter Safety check valve
Standard Accessory	Battery charger (UK plug) Desktop Stand Hydrophobic PTFE membrane filter 0.45 11m 1 Pc Hydrophobic PTFE membrane filter 0.20 11m 1 Pc Wall mounting stand with screw



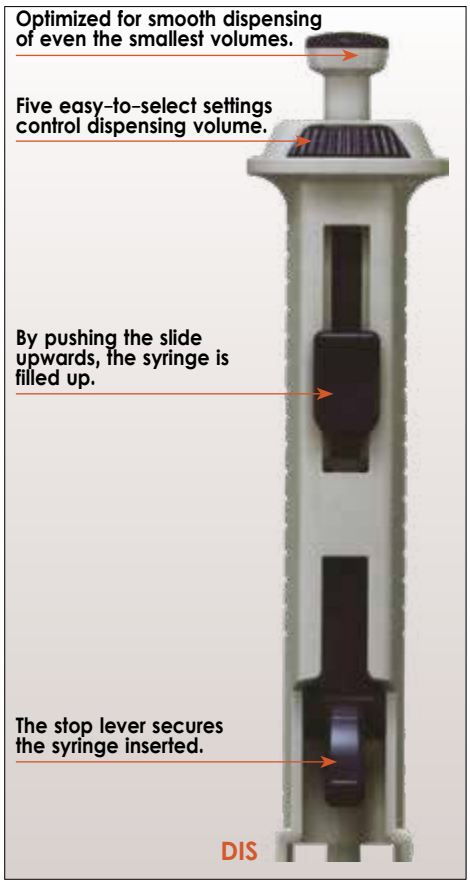
Comfortable stress-free operating knob

Wall mounting stand with fixing screw

One hand operations

Desktop stand

Attractively color coded



DIS, StepMate Stepper

Features:

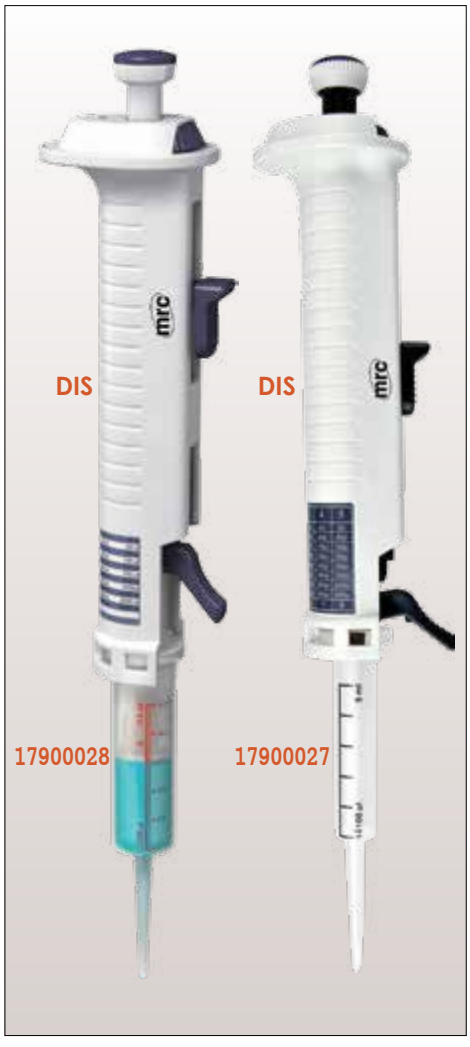
- Lightweight and ergonomic
- One-hand operation
- Factory calibrated
- Volume range of 1µl to 5ml can be dispensed
- Maintenance free
- Equipped with durable tip insertion lever
- Works with seven sizes of disposable, polypropylene syringes from 0.5ml to 50ml.

Select the Dispensing Volume:

- Find the required dispensing volume
- Use the adjusting wheel to set the required volume
- Select and inserting suitable tips
- Confirm the maximum dispensing steps.

Select suitable tips / Select Dispensing Volume

Tips \ Sel.	1	2	3	4	5
0.05ml	1µl	2µl	3µl	4µl	5µl
0.50ml	10µl	20µl	30µl	40µl	50µl
1.25ml	25µl	50µl	75µl	100µl	125µl
2.50ml	50µl	100µl	150µl	200µl	250µl
5.00ml	100µl	200µl	300µl	400µl	500µl
12.50ml	250µl	500µl	750µl	1000µl	1250µl
25.00ml	500µl	1000µl	1500µl	2000µl	2500µl
50.00ml	1000µl	2000µl	3000µl	4000µl	5000µl
Steps	48	23	15	11	8



Specifications:

Dial setting	1	2	3	4	5		
Number of steps	48	23	15	11	8		
Syringe volume (ml)	Sample volume (µl)					A%	P%
0.50	10	20	30	40	50	±0.8	<0.7
1.25	25	50	75	100	125	±0.8	<0.5
2.50	50	100	150	200	250	±0.8	<0.4
5.00	100	200	300	400	500	±0.4	<0.3
12.50	250	500	750	1000	1250	±0.3	<0.3
25.00	500	1000	1500	2000	2500	±0.2	<0.3
50.00	1000	2000	3000	4000	5000	±0.2	<0.2

Note: The first & last dispensing liquid should be discarded or back into container vessel.

Optional BRAND PD tips are particularly suitable for dispensing of fluids with high viscosity, high vapor pressure etc.
PD tips are made from high-quality materials (Cylinder: PP. Piston: PE-HD) without soft lubricants or other additives.
It can be used with compatible, third-party dispensing systems of BRAND, Rainin and Eppendorf.

Ordering Information:

Model	Description
DIS	StepMate
17900024	0.5ml, piston PE-HD, cylinderPP,non-sterile. 1 pc, 100pcs/packing
17900025	1.25ml, piston PE-HD. cylinderPP.non-sterile, 1 pc, 100pcs/packing
17900026	2.5ml, piston PE-HO, cylinderPP,non-sterile. 1 pc, 100pcs/packing
17900027	5.0ml, piston PE-HO, cylinderPP,non-sterile. 1 pc, 100pcs/packing
17900028	12.5ml, piston PE-HD, cylinderPP,non-sterile, 1 pc. 100pcs/packing
17900029	25ml, piston PE-HD, cylinder PP, non-sterile, 1 pc, 50pcs/packing with adaptor
17900030	50ml, piston PE-HD, cylinder PP, non-sterile, 1 pc, 25pcs/packing with adaptor

PIL Series, Pipette Controller

Features:

- Five colors optional
- Comfortable and simple to use
- Precise Pipetting control
- Robust and lightweight
- 0.1-100ml volumetric or serological Pipettes can be used
- Filling and delivery are easily controlled with a small sensitive lever
- Uses integral and replaceable 3μm filter
- Easy to maintain and clean
- Autoclavable silicone Pipette holder.

17000110

The 3.0μm filter and adapter can be integral and replaceable.

Silicone adapter suitable for 0.1-100ml Pipette.

Ordering Information:

Model	Description
PIL-B	Blue
PIL-R	Red
PIL-G	Green
PIL-Y	Yellow
PIL-P	Pink
Accessories	
17000110	Filter 3.0μm, 1 pc/pk

MPCD-10/50/300/1000, Electronic pipettes

MRC MPCD Electronic Pipette is ergonomic, user-friendly and reliable for the laboratory applications.
It is an excellent example of combining all of these aspects in one product, a valued instrument for professionals who strived for high quality results.

Features:

- A digital control pipette with motor drive
- A wide range of pipetting modes for selection
- Multiple functions: Pipette, Mixing
- High quality motor with built-in error control providing outstanding accuracy and reliability
- Li-ion battery enables longer operation time on each charge
- Adjustable speeds for aspiration and dispensing
- Two methods of charging: through the stand or direct charging.

Channels	Volume Range uL	Increment uL	Test Volume	Inaccuracy		Imprecision	
			uL	uL	%	s.d.* uL	CV%*
1	0.5-10	0.01	10 1	±0.10 ±0.03	±1.0 ±3.0	0.05 0.03	0.50 2.00
1	5-50	0.1	50 5	±0.40 ±0.14	±0.80 ±2.75	0.15 0.08	0.30 1.50
1	30-300	1	300 30	±1.80 ±0.75	±0.60 ±2.50	0.60 0.23	0.20 0.75
1	100-1000	5	1000 100	±5.00 ±2.25	±0.50 ±2.25	1.50 0.50	0.15 0.50