



Liquid Handling Products



cs@irisanalytical.com



+1 706 760 4500



www.irisanalytical.com





Iris offers full line of liquid handling products to enable consistent, reliable research with precision. It includes Mechanical & Electronic Single & Multichannel, Fixed & Variable Volume Micropipettes, Bottle-top Dispensers, Pipette Pumps, Pipette Fillers, Pipette Controllers, Digital Burettes, and Dispenser & Diluter System.

Variable Volume Micropipette

Our Variable Volume Micropipettes are available in both semi-autoclavable as well as full-autoclavable where the tip-cone assembly including containing piston, O-ring, spring, and the tip-cone, can be easily removed and autoclaved. The cost-effective and economical variable pipette, suitable for the application in molecular biology, microbiology, immunology, cell culture, analytical chemistry, biochemistry, genetics process.



This ergonomic and accurate pipette has a unique construction high-quality plastic and combined with stainless steel piston with detachable volume control knobs, enabling switching between a fixed and a variable volume pipette within the same pipettor unit. Supply with an individual Calibration ISO 8655 certificate as standards, provided accurate and precise reading better than those laid down in the ISO 8655 standards.

- A Built-in, streamlined tip ejector facilitates easy tip ejection and access to narrow-necked bottles and tubes.
- New body design provides improved ergonomic for more comfort and less fatigue during operation.
- User adjustment (re-calibration) can be performed easily.
- Easy volume adjustment by turning the plunger even when wearing gloves. The plunger does not snag gloves.
- Nine volume ranges cover the complete pipetting range from 0.2ul to 10ml offering a wide choice to select the most suitable model for any application.
- Attractive color coding for easy identification.

SVP Series Variable Volume Micropipette - Semi-Autoclavable

SVP Series Variable Volume Semi Autoclavable Micropipettes are available in eight variable volume from 0.1µl to 10ml. The volume adjustment is selected by turning the thumb plunger mechanism. Iris pipettes have been quality tested according to ISO8655-2:2002 and are supplied with individual calibration certificates. The quality control includes gravimetric testing of each pipette with distilled water at 22°C.



- Pipettes cover a volume range from 0.1µL to 10mL
- Ergonomic design provides excellent operating experience
- Large display window allows for easy volume identification
- Integral tip ejector for access into narrow tubes
- Easy to calibrate and maintain with tool supplied
- Autoclavable tip-cone
- Used with 'universal' pipette tips
- Each pipettes supplied with an individual calibration certificate

AVP Series Variable Volume Micropipette - Fully Autoclavable

AVP Series Variable Volume Fully Autoclavable Micropipettes are available in eight variable volume from 0.1µl to 10ml. The volume adjustment is selected by turning the thumb plunger mechanism. Iris pipettes have been quality tested according to ISO8655-2:2002 and are supplied with individual calibration certificates. The quality control includes gravimetric testing of each pipette with distilled water at 22°C.



The Iris AVP pipettes are fully autoclavable, enable easy cleaning and reduce the risk of contamination. Steam autoclaving can be performed at 121°C, 1 bar for 20 minutes. After autoclaving, the pipette must be cooled down and left to dry for 12 hours before use.

- Fully autoclavable at 121°C
- Pipettes cover a volume range from 0.1µL to 10mL
- Ergonomic design provides excellent operating experience
- Large display window allows for easy volume identification
- Integral tip ejector for access into narrow tubes
- Easy to calibrate and maintain with tool supplied
- Autoclavable tip-cone
- Used with 'universal' pipette tips
- Each pipettes supplied with an individual calibration certificate

Semi Autoclavable Variable Volume Micropipette SVG Series

Semi Autoclavable Variable Volume Micropipette SVG Series are semi-autoclavable where the tip-cone assembly including containing piston, O-ring, spring, and the tip-cone, can be easily removed and autoclaved. The cost-effective and economical variable pipette, suitable for the application in molecular biology, microbiology, immunology, cell culture, analytical chemistry, biochemistry, genetics process. This ergonomic and accurate pipette has a unique construction high-quality plastic and combined with stainless steel piston with detachable volume control knobs, enabling switching between a fixed and a variable volume pipette within the same pipettor unit. Supply with an individual Calibration ISO 8655 certificate as standards, provided accurate and precise reading better than those laid down in the ISO 8655 standards.



- A Built-in, streamlined tip ejector facilitates easy tip ejection and access to narrow-necked bottles and tubes.
- New body design provides improved ergonomic for more comfort and less fatigue during operation.
- User adjustment (re-calibration) can be performed easily.
- Easy volume adjustment by turning the plunger even when wearing gloves. The plunger does not snag gloves.
- Nine volume ranges cover the complete pipetting range from 0.2ul to 10ml offering a wide choice to select the most suitable model for any application.
- Attractive color coding for easy identification.

Model	Volume Range (µl)	Increment(µl)	Accuracy		CV		Catalogue No.
			±%	±µl	±%	±µl	
SVG-2	0.2 – 20	0.01	5	0.05	5	0.05	4002005-04
SVG-10	0.5 – 10	0.1	4	0.08	2	0.04	4002010-04
SVG-20	2 – 20	0.1	2	0.1	1	0.05	4002015-04
SVG-50	5 – 50	1	1	0.1	0.5	0.05	4002020-04
SVG-100	10 – 100	1	0.8	0.16	0.4	0.08	4002025-04
SVG-200	20 – 200	1	0.8	0.2	0.4	0.1	4002030-04
SVG-1000	100 – 1000	10	0.8	0.4	0.4	0.2	4002035-04
SVG-5000	500 – 5000	100	0.6	0.6	0.2	0.2	4002040-04
SVG-10000	1000 – 10000	100	0.6	1.2	0.2	0.4	4002045-04

Semi Autoclavable Variable Volume Micropipette AVG Series

Semi Autoclavable Variable Volume Micropipette AVG Series are semi-autoclavable where the tip-cone assembly including containing piston, O-ring, spring, and the tip-cone, can be easily removed and autoclaved. The cost-effective and economical variable pipette, suitable for the application in molecular biology, microbiology, immunology, cell culture, analytical chemistry, biochemistry, genetics process. This ergonomic and accurate pipette has a unique construction high-quality plastic and combined with stainless steel piston with detachable volume control knobs, enabling switching between a fixed and a variable volume pipette within the same pipettor unit. Provides an accurate and specific result for laboratory and scientific applications. Supply with an individual calibration ISO-8655 certificate. Dispensing head rotates for easy pipetting, separate piston and tip cone assembly allow for easy repair and maintenance.



- A Built-in, streamlined tip ejector facilitates easy tip ejection and access to narrow-necked bottles and tubes.
- New body design provides improved ergonomic for more comfort and less fatigue during operation.
- User adjustment (re-calibration) can be performed easily.
- Easy volume adjustment by turning the plunger even when wearing gloves. The plunger does not snag gloves.
- Nine volume ranges cover the complete pipetting range from 0.2ul to 10ml offering a wide choice to select the most suitable model for any application.
- Attractive color coding for easy identification.

Model	Volume Range(µl)	Increment(µl)	Accuracy		CV		Catalogue No.
			±%	±µl	±%	±µl	
AVG-2	0.2 – 20	0.01	5	0.05	5	0.05	4003005-04
AVG-10	0.5 – 10	0.1	4	0.08	2	0.04	4003010-04
AVG-20	2 – 20	0.1	2	0.1	1	0.05	4003015-04
AVG-50	5 – 50	1	1	0.1	0.5	0.05	4003020-04
AVG-100	10 – 100	1	0.8	0.16	0.4	0.08	4003025-04
AVG-200	20 – 200	1	0.8	0.2	0.4	0.1	4003030-04
AVG-1000	100 – 1000	10	0.8	0.4	0.4	0.2	4003035-04
AVG-5000	500 – 5000	100	0.6	0.6	0.2	0.2	4003040-04
AVG-10000	1000 – 10000	100	0.6	1.2	0.2	0.4	4003045-04

Semi Autoclavable Variable Volume Micropipette SVQ Series

Semi Autoclavable Variable Volume Micropipette SVQ Series used for high viscosity and volatile liquids with a fast dispensing rate. These are the most accurate and precise types of 121°C semi- autoclavable pipettes that contain disposable tips and cover a volume range from 0.1µl to 1000 µl. Provides an accurate and specific result for laboratory and scientific applications. Supply with an individual calibration ISO-8655 certificate. Dispensing head rotates for easy pipetting, separate piston and tip cone assembly allow for easy repair and maintenance.



- 121°C Half autoclavable
- Autoclavable tip cone
- Pipettes cover a volume range from 0.1µL to 10mL
- Ergonomic design provides an excellent operating experience
- Large display window allows for easy volume identification
- Easy calibration and maintenance
- Supplied with a calibration certificate of quality ISO8655
- Ergonomic, lightweight design and soft plunger movement reduce manual handling
- Fast and accurate volume setting, separate tip ejector and clear digital readout
- Provide the most accurate volume range, reliable, comfortable for extensive pipetting

Model	Volume Range(µl/ml)	Increment(µl/ml)	Test Volume(µl/ml)	Accuracy		SD (µl)	CV (%)	Catalogue No.
				µl/ml	%			
SVQ-1	0.1-2.5	0.05	2.5	0.0625	2.50	0.05	2	4002505-04
			1.25	0.0375	3.00	0.0375	3	
			0.25	0.03	12.00	0.015	6	
SVQ-2	0.5-10	0.1	10	0.1	1.00	0.08	0.80	4002510-04
			5	0.075	1.50	0.075	1.50	
			1	0.025	2.50	0.015	1.50	
SVQ-3	2-20	0.5	20	0.18	0.90	0.08	0.40	4002515-04
			10	0.12	1.20	0.1	1	
			2	0.06	3.00	0.04	2	
SVQ-4	5-50	0.5	50	0.3	0.60	0.15	0.30	4002525-04
			25	0.225	0.90	0.15	0.60	
			5	0.1	2.00	0.1	2	
SVQ-5	10-100	1	100	0.8	0.80	0.15	0.15	4002530-04
			50	0.5	1.00	0.2	0.40	
			10	0.3	3.00	0.15	1.50	
SVQ-6	20-200	1	200	1.2	0.60	0.3	0.15	4002535-04
			100	0.8	0.80	0.3	0.30	
			20	0.6	3.00	0.2	1	
SVQ-7	50-200	1	200	1.2	0.60	0.3	0.15	4002540-04
			100	0.8	0.80	0.3	0.30	
			50	0.5	1.00	0.2	0.40	
SVQ-8	100-1000	5	1000	6	0.60	2	0.20	4002545-04
			500	3.5	0.70	1.25	0.25	
			100	2	2.00	0.7	0.70	
SVQ-9	200-1000	5	1000	6	0.60	1.25	0.20	4002550-04
			500	3.5	0.70	0.7	0.25	
			200	1.8	0.90	0.6	0.30	
SVQ-10	1000-5000	50	5000	25	0.50	7.5	0.15	4002555-04
			2500	15	0.60	7.5	0.30	
			1000	7	0.70	3	0.30	
SVQ-11	2-10 ml	0.1 ml	10 ml	60	0.60	20	0.20	4002560-04
			5 ml	60	1.20	15	0.30	
			2 ml	60	3.00	1	0.60	

Fully Autoclavable Variable Volume Micropipette AVQ Series

Fully Autoclavable Variable Volume Micropipette AVQ Series designed to handle 0.1µl to 5 ml volume range, 121°C fully autoclavable continuously variable pipette with a digital readout enable simple and accurate dispensing. The full-bodied construction along with the low thermal coefficient of the body to avoid hand heating by protecting sample measurements and reproducibility. It is utilized in the laboratory, medical application to dispense a measured quantity of liquids. provides an accurate and specific result for laboratory and scientific applications. Supply with an individual calibration ISO-8655 certificate. Dispensing head rotates for easy pipetting, separate piston and tip cone assembly allow for easy repair and maintenance.



- 121°C Fully autoclavable
- Ergonomic design provides an excellent operating experience
- Easy-to-read volume display
- The pipettes cover the volume range from 0.1µL to 5mL
- Easy calibration and maintenance
- Manufactured from innovative materials
- Supplied with a calibration certificate of quality ISO8655
- Ergonomic, lightweight design and soft plunger movement reduce manual handling
- Fast and accurate volume setting, separate tip ejector and clear digital readout
- Provide the most accurate volume range, reliable, comfortable for extensive pipetting

Model	Volume Range(µl/ml)	Increment(µl/ml)	Test Volume(µl/ml)	Accuracy		SD (µl)	CV (%)	Catalogue No.
				(?l/ml)	(%)			
AVQ-1	0.1-2.5	0.05	2.5	0.0625	2.50	0.05	2	4003505-04
			1.25	0.0375	3.00	0.0375	3	
			0.25	0.03	12.00	0.015	6	
AVQ-2	0.5-10	0.1	10	0.1	1.00	0.08	0.80	4003510-04
			5	0.075	1.50	0.075	1.50	
			1	0.025	2.50	0.015	1.50	
AVQ-3	2-20	0.5	20	0.18	0.90	0.08	0.40	4003515-04
			10	0.12	1.20	0.1	1	
			2	0.06	3.00	0.04	2	
AVQ-4	5-50	0.5	50	0.3	0.60	0.15	0.30	4003520-04
			25	0.225	0.90	0.15	0.60	
			5	0.1	2.00	0.1	2	
AVQ-5	10-100	1	100	0.8	0.80	0.15	0.15	4003525-04
			50	0.5	1.00	0.2	0.40	
			10	0.3	3.00	0.15	1.50	
AVQ-6	20-200	1	200	1.2	0.60	0.3	0.15	4003530-04
			100	0.8	0.80	0.3	0.30	
			20	0.6	3.00	0.2	1	
AVQ-7	50-200	1	200	1.2	0.60	0.3	0.15	4003535-04
			100	0.8	0.80	0.3	0.30	
			50	0.5	1.00	0.2	0.40	
AVQ-8	100-1000	5	1000	6	0.60	2	0.20	4003540-04
			500	3.5	0.70	1.25	0.25	
			100	2	2.00	0.7	0.70	
AVQ-9	200-1000	5	1000	6	0.60	1.25	0.20	4003545-04
			500	3.5	0.70	0.7	0.25	
			200	1.8	0.90	0.6	0.30	
AVQ-10	1000-5000	50	5000	25	0.50	7.5	0.15	4003550-04
			2500	15	0.60	7.5	0.30	
			1000	7	0.70	3	0.30	
AVQ-11	2-10 ml	0.1 ml	10 ml	60	0.60	20	0.20	4003555-04
			5 ml	60	1.20	15	0.30	
			2 ml	60	3.00	1	0.60	

Multichannel Variable Volume Micropipette

Iris Multichannel Pipettes provide easy sterilization process and reduces the lever shifting and escapes drifting of volume setting during pipetting. The material used for making variable volume micropipette has a high tolerance to solvents and to drop impact. Designed especially for ELISA, molecular screening, kinetic studies, DNA amplification applications.



- **Easy Volume Adjustment:** Easy volume adjustment by simply turning the plunger. the plunger does not snag gloves.
- **Volume Setting:** Soft click sound at every increment ensures perfect volume setting and no accidental volume change. It also facilitates single-handed operation.
- **Soft Grip & Ergonomic Design:** New body design with soft grip and improved ergonomics for more comfort and less fatigue during operation.
- **Digital Display:** 4 digit display with subdivisions provides small volume increments.
- **Large Grippy:** Specially designed large grippy is provided for a comfortable grip and ease during working.
- **Tip Ejector:** Built-in streamlined tip ejector facilitates easy tip ejection and access to narrow-necked bottles and tubes.
- **User Adjustment:** Re-calibration can be performed easily by the user
- **Pipette Holder:** The holder provided with the pipette allows easy, efficient, and safe storage.
- **Easy Tip Ejection:** Specially designed sequential tip ejector allows effortless tip ejection.
- **Operation Flexibility:** Lower housing can be rotated 360° providing flexibility during operation.
- **Tip Ejection Knob:** Placement and good design allow easy single-handed tip ejection.
- **Colour Coding:** Attractive color coding for easy identification between different volume ranges.

Semi Autoclavable Multichannel Micropipette SMQ Series

Semi Autoclavable Multichannel Micropipette SMQ Series suitable for large volume and viscous sample, optimizing volume range recommended volume ranges typically minimum 0.5 to 10 μl and 50 to 300 μl maximum volumes. Feature with three crucial dispensing techniques: suited for side-wall, above the liquid surface, and into liquid by aspirating sample into the tip and then dispense back into the reservoir. Suitable for 96-wells plate and immunological application. Accurate with a liquid solution at standard pressure and temperature. Aspirating too quickly: liquid sample sucks up in to shaft without damaging the piston and seal, blow out within a couple of seconds. Flexible calibration and quick dispensing function.



- 121°C Half autoclavable
- Autoclavable tip cone
- 8 channel pipettes are appropriate for 96 well plates
- Dispensing head rotates for effortless pipetting convenience
- Individual piston and tip cone assemblies allowing easy repair and maintenance
- Compound material-made tip cone secures high sealing performance
- Compatible with most universal tip brands

Model	Volume Range(μl)	Increment(μl)	Test Volume(μl)	Accuracy		SD (μl)	CV (%)	Catalogue No.
				(?)	(%)			
SMQ-8								
SMQ-8-10	0.5-10	0.1	10	0.15	1.50	0.15	1.50	4004005-04
			5	0.125	2.50	0.125	2.50	
			1	0.04	4	0.04	4	
SMQ-8-50	5-50	0.5	50	0.5	1	0.25	0.50	4004010-04
			25	0.375	1.50	0.25	1	
			5	0.15	3	0.1	2	
SMQ-8-300	50-300	5	300	2.1	0.70	0.75	0.25	4004015-04
			150	1.5	1	0.75	0.50	
			50	0.75	1.50	0.4	0.80	
SMQ-12								
SMQ-12-10		0.10.5-10	10	0.15	1.50	0.15	1.50	4004020-04
			5	0.125	2.50	0.125	2.50	
			1	0.04	4	0.04	4	
SMQ-12-50	5-50	0.5	50	0.5	1	0.25	0.50	4004025-04
			25	0.375	1.50	0.25	1	
			5	0.15	3	0.1	2	
SMQ-12-300	50-300	5	300	2.1	0.70	0.75	0.25	4004030-04
			150	1.5	1	0.75	0.50	
			50	0.75	1.50	0.4	0.80	

Fully Autoclavable Multichannel Micropipette AMP Series

Fully Autoclavable Multichannel Micropipette AMP Series has a unique structure, certifying easy tip mounting and discharging. Both the 8- and 12-channel pipettes have an external discharging knob; deliver ergonomic and easy tip ejection. This unique construction of AMP multichannel pipettes enables the thumb to rest under tip ejection, significantly decrease the thumb load. The AMP series Multichannel Pipettes are designed especially for ELISA, Molecular screening, Kinetic studies, DNA amplifications etc



- **Easy Volume Adjustment:** Easy volume adjustment by simply turning the plunger. the plunger does not snag gloves.
- **Volume Setting:** Soft click sound at every increment ensures perfect volume setting and no accidental volume change. It also facilitates single-handed operation.
- **Soft Grip & Ergonomic Design:** New body design with soft grip and improved ergonomics for more comfort and less fatigue during operation.
- **Digital Display:** 4 digit display with subdivisions provides small volume increments.
- **Large Grippy:** Specially designed large grippy is provided for a comfortable grip and ease during working.
- **Tip Ejector:** Built-in streamlined tip ejector facilitates easy tip ejection and access to narrow-necked bottles and tubes.
- **User Adjustment:** Re-calibration can be performed easily by the user
- **Pipette Holder:** The holder provided with the pipette allows easy, efficient, and safe storage.
- **Easy Tip Ejection:** Specially designed sequential tip ejector allows effortless tip ejection.
- **Operation Flexibility:** Lower housing can be rotated 360° providing flexibility during operation.
- **Tip Ejection Knob:** Placement and good design allow easy single-handed tip ejection.
- **Colour Coding:** Attractive color coding for easy identification between different volume ranges.

8 - Channel Fully Autoclavable Micropipette							
Model	Volume Range (µl)	Increment(µl)	Accuracy		CV		Catalogue No.
			±%	±µl	±%	±µl	
AMP-8-10	0.5 - 10µl	0.02	1.6	0.16	1	0.1	4004505-04
AMP-8-20	02 - 20µl	0.02	0.8	0.16	0.4	0.08	4004510-04
AMP-8-50	05 - 50µl	0.1	0.8	0.4	0.4	0.2	4004515-04
AMP-8-100	10 - 100µl	0.2	0.8	0.8	0.3	0.3	4004520-04
AMP-8-200	20 - 200µl	0.2	0.8	1.6	0.3	0.6	4004525-04
AMP-8-300	40 - 300µl	0.2	0.8	2.4	0.3	0.9	4004530-04
12 - Channel Fully Autoclavable Micropipette							
AMP-12-10	0.5 - 10µl	0.02	1.6	0.16	1	0.1	4004535-04
AMP-12-20	02 - 20µl	0.02	0.8	0.16	0.4	0.08	4004540-04
AMP-12-50	05 - 50µl	0.1	0.8	0.4	0.4	0.2	4004545-04
AMP-12-100	10 - 100µl	0.1	0.8	0.8	0.3	0.3	4004550-04
AMP-12-200	20 - 200µl	0.1	0.8	1.6	0.3	0.6	4004555-04
AMP-12-300	40 - 300µl	0.1	0.8	2.4	0.3	0.9	4004560-04

Fully Autoclavable Multichannel Micropipette AMQ Series

Fully Autoclavable Multichannel Micropipette AMQ Series covers all volumes from 0.5 to 300 μ l. The 121°C fully autoclavable, allow easy turning and cleaning, and decrease the risk of contamination. Available with 3 different volumes ranges including 0.5 to 10 μ l, 5 to 50 μ l, and 50 to 300 μ l. Additionally come with a finger hook take the load for extra hold, a soft pipetting button for free and comfort rotation and changing volume as well, an ejector button, digital volume display for easy readout.



- 121°C Fully autoclavable
- Dispensing head rotates for effortless pipetting convenience
- Individual piston and tip cone assembly allow for easy repair and maintenance
- Compound material-made tip cone secures high sealing performance
- Compatible with most universal tip brands
- After autoclaving, the pipette must be cooled down and left to dry for 12 hours before use.
- It is recommended to check the performance of the pipette after each autoclaving.
- Greasing and sealing of the pipette piston after every 10th autoclaving will secure an enhanced function
- Supplied with a calibration certificate of quality ISO8655
- Ergonomic, lightweight design and soft plunger movement reduce manual handling
- Fast and accurate volume setting, separate tip ejector and clear digital readout
- Provide the most accurate volume range, reliable, comfortable for extensive pipetting

Model	Volume Range(μl)	Increment(μl)	Test Volume(μl)	Accuracy		SD (μl)	CV (%)	Catalogue No.
				(?l)	(%)			
AMQ-8								
AMQ-8-10	0.5-10	0.1	10	0.15	1.50	0.15	1.50	4005005-04
			5	0.125	2.50	0.125	2.50	
			1	0.04	4	0.04	4	
AMQ-8-50	5-50	0.5	50	0.5	1	0.25	0.50	4005010-04
			25	0.375	1.50	0.25	1	
			5	0.15	3	0.1	2	
AMQ-8-300	50-300	5	300	2.1	0.70	0.75	0.25	4005015-04
			150	1.5	1	0.75	0.50	
			50	0.75	1.50	0.4	0.80	
AMQ-12								
AMQ-12-10	0.5-10	0.1	10	0.15	1.50	0.15	1.50	4005020-04
			5	0.125	2.50	0.125	2.50	
			1	0.04	4	0.04	4	
AMQ-12-50	5-50	0.5	50	0.5	1	0.25	0.50	4005025-04
			25	0.375	1.50	0.25	1	
			5	0.15	3	0.1	2	
AMQ-12-300	50-300	5	300	2.1	0.70	0.75	0.25	4005030-04
			150	1.5	1	0.75	0.50	
			50	0.75	1.50	0.4	0.80	

Electronic Micropipette

Iris is glad to announce the launch of modern development in electronic pipetting, with single and multichannel pipettes. The Electronic Micropipette



EPS+family are the most technically and ergonomically advanced pipettes to date, which raise the bar on pipetting for both comfort and performance.

1. **Pipetting modes:** Standard mode, Stepper mode, Dilution mode, and Calibration mode
2. **Variable Working Speeds:** Speed can be selected on a scale of 1-5
3. **Volume Selection:** Easy volume selection by 'UP' & 'DOWN' keys.
4. **Large Fire Button:** Single 'FIRE BUTTON' for filling and dispensing.
5. **Large Liquid Crystal Display:** Two-line Alphanumeric LCD.
6. **Built-in streamlined tip ejector:** For taken easy tip ejection and access to narrow naked bottles.
7. **Calibration:** User-friendly calibration mode facilitates easy calibration.
8. **Battery:** 9V Ni-MH rechargeable batteries are used for 8 hours of operation with fully charged batteries.

Electronic Micropipette EPS Series

Electronic Micropipette EPS Series is a simple and self-calibrated electronic pipette connected to a PC via USB for calibration by the user with four different volume ranges. Allow users to generate programs on the device by letting the pipettes suit multiple application requirements for optimizing laboratory and research work with advanced functions for example provide an actual measurement of the sample, dilution, and enable mixing. Ergonomically designed with 2 buttons handle, portable and lightweight with great flexibility. Used to dispense sample measurement between 0.5 to 1000 μl with four different volume ranges. These electronic pipettes ease manual work for improving the ergonomics of micropipettes and involve disposable tips that come in contact with the liquid sample. The four standard dimensions of electronic pipettes correspond to 4 different disposable tips.



- Ergonomic, lightweight design and soft plunger movement reduce manual handling
- Fast and accurate volume setting, separate tip ejector and clear digital readout
- Provide the most accurate volume range, reliable, comfortable for extensive pipetting
- Supplied with a calibration certificate of quality
- High accuracy, high-performance stepper motor ensures accuracy and repeatability, eliminating manual pipetting errors
- A motor-driven digital control pipette with multifunction
- 2 buttons handle all operational settings
- Lightweight, ergonomic design, small body dimension for easy handling that guarantees fatigue-free pipetting
- Pipetting, Mixing
- Adjustable speeds for aspiration and dispensing
- Li-ion battery and dual charging modes enable longer operation time
- Self-calibration connected to a PC via USB for calibration by the user

Model	Volume Range(μl)	Increment(μl)	Test Volume	Accuracy		SD (μl)	CV (%)	Catalogue No.
				(μl)	(%)			
EPS-10	0.5 to 10 μl	0.01 μl	10 μl	± 0.10	± 1.00	0.05	0.5	4006005-04
			1 μl	± 0.035	± 3.50	0.03	3	
EPS-50	5 to 50 μl	0.1 μl	50 μl	± 0.40	± 0.80	0.15	0.3	4006010-04
			5 μl	± 0.15	± 3.00	0.125	2.5	
EPS-300	30 to 300 μl	1 μl	300 μl	± 1.80	± 0.60	0.6	0.2	4006015-04
			30 μl	± 0.90	± 3.00	0.21	0.7	
EPS-1000	100 to 1000 μl	5 μl	1000 μl	± 6.00	± 0.60	2	0.2	4006020-04
			100 μl	± 3.00	± 3.00	0.6	0.6	

Electronic Micropipette EP Series

Electronic Micropipette EP Series is based on Stepper Motor with Microprocessor controlled piston movement. These are user friendly and offer effortless pipetting. Accuracy & Precision levels are very high and user-independent. This is a complete solution for every pipetting need.



- Pipetting modes: Standard mode, Stepper mode, Dilution mode, and Calibration mode
- Variable Working Speeds: Speed can be selected on a scale of 1-5
- Volume Selection: Easy volume selection by 'UP' & 'DOWN' keys.
- Large Fire Button: Single 'FIRE BUTTON' for filling and dispensing.
- Large Liquid Crystal Display: Two-line Alphanumeric LCD.
- Built-in streamlined tip ejector: For taken easy tip ejection and access to narrow naked bottles.
- Calibration: User-friendly calibration mode facilitates easy calibration.
- Battery: 9V Ni-MH rechargeable batteries are used for 8 hours of operation with fully charged batteries.

Model	Volume Range (µl)	Increment (µl)	Accuracy		CV		Catalogue No.
			(+%)	(±µl)	(±%)	(±µl)	
EP-10	0.2 - 10µl	0.05	1.2	0.12	0.8	0.08	4005505-04
EP-120	5 - 120µl	0.5	0.8	0.96	0.3	0.36	4005510-04
EP-300	20 - 300µl	1	0.8	2.4	0.3	0.9	4005515-04
EP-1000	50 - 1000µl	5	0.8	8	0.3	3	4005520-04
EP-5000	100 - 5000µl	10	0.8	40	0.3	15	4005525-04

Programmable Electronic Micropipette EPS+ Series

Programmable Electronic Micropipette EPS+ Series multifunctional electronic pipette with four different volume ranges. Allow users to generate programs on the device by letting the pipettes suit multiple application requirements for optimizing laboratory and research work with advanced functions for example provide the actual measurement of sample, dilution, and enable mixing. Ergonomically designed with 2 buttons handle, portable and lightweight with great flexibility. Used to dispense sample measurement between 0.5 to 1000 μl with four different volume ranges. These electronic pipettes ease manual work for improving the ergonomics of micropipettes and involve disposable tips that come in contact with the liquid sample. The four standard dimensions of electronic pipettes correspond to 4 different disposable tips.



- Ergonomic, lightweight design and soft plunger movement reduce manual handling
- Fast and accurate volume setting, separate tip ejector and clear digital readout
- Provide the most accurate volume range, reliable, comfortable for extensive pipetting
- Supplied with a calibration certificate of quality
- High accuracy, high-performance stepper motor ensures accuracy and repeatability, eliminating manual pipetting errors
- A motor-driven digital control pipette with multifunction
- 2 buttons handle all operational settings
- Lightweight, ergonomic design, small body dimension for easy handling that guarantees fatigue-free pipetting
- Pipetting, Mixing, Stepper, and Dilution
- Adjustable speeds for aspiration and dispensing
- Li-ion battery and dual charging modes enable longer operation time

Model	Volume Range(μl)	Increment(μl)	Test Volume	Accuracy		SD (μl)	CV (%)	Catalogue No.
				(μl)	(%)			
EPS+10	0.5 to 10 μl	0.01 μl	10 μl	± 0.10	± 1.00	0.05	0.5	4006505-04
			1 μl	± 0.035	± 3.50	0.03	3	
EPS+50	5 to 50 μl	0.1 μl	50 μl	± 0.40	± 0.80	0.15	0.3	4006510-04
			5 μl	± 0.15	± 3.00	0.125	2.5	
EPS+300	30 to 300 μl	1 μl	300 μl	± 1.80	± 0.60	0.6	0.2	4006515-04
			30 μl	± 0.90	± 3.00	0.21	0.7	
EPS+1000	100 to 1000 μl	5 μl	1000 μl	± 6.00	± 0.60	2	0.2	4006520-04
			100 μl	± 3.00	± 3.00	0.6	0.6	

Bottle Top Dispensers

Our top range dispenser delivers innovative highly robust and consistent dispensing systems. Design to contain a re-circulation valve for re-directing reagent or liquid into the bottle for bubble-free dispensing without any reagent loss. The Ultimate Bottle Top Dispenser is the perfect liquid dispenser for your laboratory applications. Whether you are looking for a reagent dispenser or any other solvent dispenser the list is here.



Our dispenser system provides full control that enables you to accurately dispense the desired liquid sample that is drip-free and clean, escaping messy bottles and wasted product, making it an ideal reagent dispenser.

Bottle top Dispensers RD Series

Bottle top Dispensers RD Series volume ranges from 2.5ml to 30ml with an increment of 0.5ml. Offer its new bottle top dispenser which is a unique combination of competitive pricing and high performance. All wetted parts are PTFE, FEP, and borosilicate glass only which allows the instrument to be used with a wide variety of laboratory chemicals. All wetted parts are PTFE, FEP, and borosilicate glass only which allows the instrument to be used with a wide variety of laboratory chemicals. High precision and accuracy are ensured through careful selection of raw material and several stages of strict quality checks during the manufacturing process. Each instrument is individually calibrated in ISO 17025 accredited laboratory in accordance with ISO 8655 standards and comes with an individual calibration certificate.



- Smooth, effortless plunger movement, and bubble-free dispensing.
- Easy to dis-assemble for cleaning and servicing.
- The instrument is fully autoclavable at 121^oC, 15 psi. for 10 - 15 mins
- Piston: Specially designed PTFE piston ensures wiper-like smooth, effortless movement and high accuracy.
- Glass Barrel Protection: Glass Barrel is protected by a polypropylene sleeve. it also ensures no glass splitting in case of any accidental breakage.
- Adaptors: Adaptors to fit most of the laboratory reagent bottles are provided in the following sizes: 28, 30, 32, 36, 40 & 45mm.
- Nozzle Cap: Nozzle cap prevents any unwanted drop on the workspace and avoids contact with hazardous chemicals.
- Adjustable Delivery Nozzle: Adjustable delivery nozzle to facilitate dispensing ease in all demanding laboratory conditions.
- Volume Adjustment Knob: Convenient and easy volume setting with minimal force ensuring no fatigue or strain. A 270-degree turn in the clockwise direction ensures locking and unlocking respectively.
- Calibration: Specially designed calibration tool is provided for convenient and quick in-lab user re-calibration. This is in compliance with GLO/ISO norms.
- Valve Manifold: Specially designed, springless, PTFE valve manifold ensures excellent chemical compatibility and leak-proof valve functioning.

Model	RD-30
Piston	PTFE
Cylinder	Glass
Volume Adjustment Knob	Screw Type
Valve Housing	PTFE
Valve Assembly	Glass Ball & Seat
Discharge Assembly	PTFE
Delivery Tube	FEP
Inlet Tube	FEP
Calibration	Individually calibrated and certified. In-lab easy calibration by the user is also possible.
Accuracy & Reproducibility	In accordance with ISO 8655 standards
Compatibility	Excellent compatibility with all reagents except HF
Catalogue No.	4000505-04

Bottle Top Dispensers BDQ Series

Bottle Top Dispensers BDQ Series is available in 4 different volume ranges: 1.0 to 10 ml, 5 to 5 ml, 2.5 to 25 ml, and 5.0 to 50 ml. Provide quick-lock knob features by slide it down to the desire volume and releases do the same as slide upward, individual operation. Suitable for the reagents and the liquid solution delivers a smooth and effortless dispensing process, zero loss of reagent. Feature with 360° air purging mode, purging within a closed circuit. Easy to repair and dismantle.



- Adjustable Delivery Nozzle and 360° rotation of cannula
- Excellent chemical resistance
- Fully autoclavable at 121°C
- Four ranges of the bottle-top dispenser cover a volume range from 0.5ml to 50ml
- Easy to clean and maintain
- The optional flexible discharge tube with safety handle permits fast and precise dispensing
- Made of PTFE/FEP/BSG/PP
- Vapor pressure Max. 500mbar, viscosity max. 500mm²/s, temperature max. 40°C, density max. 2.2g/cm³
- Supplied with different sized adapters

Model	BDQ-5	BDQ-10	BDQ-25	BDQ-50
Volume Range	5-5 ml	1.0-10 ml	2.5-25 ml	5.0-50 ml
Graduation ml	0.1 ml	0.2 ml	0.5 ml	0.1 ml
Accuracy %	0.5	0.5	0.5	0.5
Accuracy µl	25	50	125	250
CV %	0.1	0.1	0.1	0.1
CV µl	10	20	50	100
Catalogue No.	4001005-04	4001010-04	4001015-04	4001020-04

Programmable Bottle Top Dispensers BDQ+ Series

Programmable Bottle Top Dispensers BDQ+ Series provide quick volume setting, are electronic reagent dispensing portable instrument that attaches to the top of the bottles containing the liquid to be measured which enable secure and reproducible liquid supply without contamination in the laboratory. With 2 operating modes including dispenser and stepper function. Suited for a range of applications, including research and medical, laboratory applications.



- Adjustable Delivery Nozzle and 360° rotation of cannula
- Microprocessor-controlled can be set all the parameters in the controller
- Motor lift piston system, making the dispense more precise and easy to use
- Large LCD screen, separate design with the main unit which makes the operation more convenient
- Two dispensing models, including the dispenser and stepper functions
- High precision and accuracy
- Motor lift, reduce the physical strain
- Less affected by human factor
- Dispenser and stepper function options

Model		BDQ+100	
Volume Range		0.1-99.9 ml	
Volume Accuracy	Dispenser	$R = 10\text{ml} \pm 30\%L$	$CV = 10\text{ml} \pm 10\%I$
	Stepper	$R = 1\text{ml} \pm 6\%I$	$CV = 1\text{ml} \pm 9\%I$
Temperature Range		10 to 30°	
Display		LCD	
Control		External control	
Certification		DIN EN ISO 8655	
Catalogue No.		4001505-04	

Fixed Volume Micropipettes

Fixed Volume Pipettes are designed for many different types of routine laboratory work. Using the same state-of-art design and basic features of Variable Volume Pipettes, these fixed volume pipettes are ideal for Clinical Diagnostics, Control Analysis etc. Fixed Volume Pipettes are available in both Fully and Semi Autoclavable versions in all capacities from 0.5 μ l to 10000 μ l (10 ml).



Fixed Volume Pipettes are designed for many different types of routine laboratory work. Using the same state-of-art design and basic features of Variable Volume Pipettes, these fixed volume pipettes are ideal for Clinical Diagnostics, Control Analysis etc. Fixed Volume Pipettes are available in both Fully and Semi Autoclavable versions in all capacities from 0.5 μ l to 10000 μ l (10 ml).

SFP Series Fixed Volume Micropipette - Semi Autoclavable

SFP Series Single Channel Fixed Volume Pipettors features twelve fixed volume micropipettes. These pipettes are calibrated in accordance ISO/DIS 8655. Each pipettor passes a quality control/calibration test and is supplied with a certificate.



- Ergonomic design provides excellent operating experience
- Large display window allows for easy volume identification
- Autoclavable tip-cone
- Integral tip ejector for access into narrow tubes
- Easy to calibrate and maintain with tool supplied
- Used with 'universal' pipette tips
- Supplied with an individual calibration certificate

All Iris pipettes have been quality tested according to ISO8655-2:2002 and are supplied with individual calibration certificates. The quality control includes gravimetric testing of each pipette with distilled water at 22°C.

AFP Series Fixed Volume Micropipette - Fully Autoclavable

AFP Series Single Channel Fixed Volume Pipettors features twelve fixed volume micropipettes. These pipettes are calibrated in accordance ISO/DIS 8655. Each pipettor passes a quality control/calibration test and is supplied with a certificate.



AFP Series pipettes are fully autoclavable, enable easy cleaning and reduce the risk of contamination. Steam autoclaving can be performed at 121°C, 1 bar for 20 minutes. After autoclaving, the pipette must be cooled down and left to dry for 12 hours before use. It is recommended to check the performance of the pipette after each autoclaving. Greasing and sealing of the pipette piston after every 10th autoclaving will secure an enhanced function.

- Ergonomic design provides excellent operating experience
- Large display window allows for easy volume identification
- Autoclavable tip-cone
- Integral tip ejector for access into narrow tubes
- Easy to calibrate and maintain with tool supplied
- Used with 'universal' pipette tips
- Supplied with an individual calibration certificate
- Fully Autoclavable

All Iris pipettes have been quality tested according to ISO8655-2:2002 and are supplied with individual calibration certificates. The quality control includes gravimetric testing of each pipette with distilled water at 22°C.

Semi Autoclavable Fixed Volume Micropipette SFG Series

Semi Autoclavable Fixed Volume Micropipette SFG Series are designed for many different types of routine laboratory work. Build-in ergonomic portable fits comfortably in the user's hand. The basic features of fixed volume pipettes are ideal for clinical diagnostics, control analysis, etc. The SFG Series Fixed Volume Semi Autoclavable Micropipettes are available in all capacities from 0.5 µl to 10000 µl.



Soft Grip & Ergonomic Design: New body design with soft grip and improved ergonomic for more comfort and less fatigue during operation.

Large Grippy: Specially designed large grippy is provided for a comfortable grip and ease during working.

Tip Ejector: Built-in streamlined tip ejector facilitates easy tip ejection and access to narrow-necked bottles and tubes.

Pipette Holder: The holder provided with the pipette allows easy, efficient, and safe storage.

Tip Ejection Knob: Placement and good design allow easy single-handed tip ejection.

Colour Coding: Attractive color coding for easy identification between different volume ranges.

Model	Volume (µl)	Accuracy		CV		Catalogue No.
		±%	±µl	±%	±µl	
SFG-1	1	5	0.05	5	0.05	4000505-04
SFG-2	2	4	0.08	2	0.04	40005010-04
SFG-5	5	2	0.1	1	0.05	4000515-04
SFG-10	10	1	0.1	0.5	0.05	4000520-04
SFG-20	20	0.8	0.16	0.4	0.08	4000525-04
SFG-25	25	0.8	0.2	0.4	0.1	4000530-04
SFG-50	50	0.8	0.4	0.4	0.2	4000535-04
SFG-100	100	0.6	0.6	0.2	0.2	400054004
SFG-200	200	0.6	1.2	0.2	0.4	4000545-04
SFG-250	250	0.6	1.5	0.2	0.5	4000550-04
SFG-500	500	0.6	3	0.2	1	4000555-04
SFG-1000	1000	0.6	6	0.2	2	4000560-04
SFG-2000	2000	0.6	12	0.2	4	4000565-04
SFG-5000	5000	0.6	30	0.2	10	4000570-04
SFG-10000	10000	0.4	40	0.2	20	4000575-04

Fully Autoclavable Fixed Volume Micropipette AFG Series

Fully Autoclavable Fixed Volume Micropipette AFG Series are designed for many different types of routine laboratory work. Build-in ergonomic portable fits comfortably in the user's hand. The basic features of fixed volume pipettes are ideal for clinical diagnostics, control analysis, etc. The AFG Series Fixed Volume "Fully Autoclavable" Micropipettes are available in all capacities from 0.5 μl to 10000 μl .



Soft Grip & Ergonomic Design: New body design with soft grip and improved ergonomic for more comfort and less fatigue during operation.

Large Grippy: Specially designed large grippy is provided for a comfortable grip and ease during working.

Tip Ejector: Built-in streamlined tip ejector facilitates easy tip ejection and access to narrow-necked bottles and tubes.

Pipette Holder: The holder provided with the pipette allows easy, efficient, and safe storage.

Tip Ejection Knob: Placement and good design allow easy single-handed tip ejection.

Colour Coding: Attractive color coding for easy identification between different volume ranges.

Model	Volume (μl)	Accuracy		CV		Catalogue No.
		$\pm\%$	$\pm\mu\text{l}$	$\pm\%$	$\pm\mu\text{l}$	
AFG-1	1	5	0.1	5	0.1	4001005-04
AFG-2	2	4	0.1	2	0	4001010-04
AFG-5	5	2	0.1	1	0.1	4001015-04
AFG-10	10	1	0.1	1	0.1	4001020-04
AFG-20	20	1	0.2	0	0.1	4001025-04
AFG-25	25	1	0.2	0	0.1	4001030-04
AFG-50	50	1	0.4	0	0.2	4001035-04
AFG-100	100	1	0.6	0	0.2	4001040-04
AFG-200	200	1	1.2	0	0.4	4001045-04
AFG-250	250	1	1.5	0	0.5	4001050-04
AFG-500	500	1	3	0	1	4001055-04
AFG-1000	1000	1	6	0	2	4001060-04
AFG-2000	2000	1	12	0	4	4001065-04
AFG-5000	5000	1	30	0	10	4001070-04
AFG-10000	10000	0	40	0	20	4001075-04

AF Series Fixed Volume Micropipette - Fully Autoclavable

AF Series Fixed Volume "Fully Autoclavable" Micropipettes are designed for many different types of routine laboratory work. Using the same state-of-art design and basic features of Variable Volume Pipettes, these fixed volume pipettes are ideal for Clinical Diagnostics, Control Analysis etc.



The AF Series Fixed Volume "Fully Autoclavable" Micropipettes are available in all capacities from 0.5 μ l to 10000 μ l (10 ml).

Soft Grip & Ergonomic Design: New body design with soft grip and improved ergonomic for more comfort and less fatigue during operation.

Large Grippy: Specially designed large grippy is provided for comfortable grip and ease during working.

Tip Ejector: Built-in streamlined tip ejector facilitates easy tip ejection and access to narrow necked bottles and tubes.

Pipette Holder: The holder provided with the pipette allows easy, efficient and safe storage.

Tip Ejection Knob: Placement and good design allows easy single handed tip ejection.

Colour Coding: Attractive colour coding for easy identification between different volume ranges.

Fully Autoclavable Fixed Volume Micropipette AFQ Series

Fully Autoclavable Fixed Volume Micropipette AFQ Series are fully autoclavable, without disassembling or dismantle. Used to dispense sample measurement between 5 to 5000 μl with 12 different volume ranges. Additional features maintenance-free seals, integral tip ejector for access into narrow tubes: single-channel pipettors, calibrated in accordance ISO/DIS 8655 and each pipettor passes a quality control calibration test and is supplied with a certificate. and feature Fully autoclavable, portable ergonomic design, clear volume display, pipettor range from 5 μl to 5000 μl , Easy and simple calibration, avoid repetitive strain, provide individual test certificate ISO 8655/DIN 12650 with a limited 3-year warranty.



- Offer fully autoclavable without disassemble or dismantle
- Single-channel with digital display to show accurate reading while pipetting
- Robust and portable ergonomic design
- Clear volume display
- Compatible with different brands of tips by providing volume range 5 μl to 5000 μl
- Provide easy and simple calibration
- Designed to avoid repetitive strain
- Offer individual test Certificate ISO 8655/DIN 12650, 3-year warranty

Model	Volume (μl)	Test Volume	Inaccuracy	Imprecision	Catalogue No.
AFQ-5	5 μl	5 μl	1.3%	1.2%	4001505-04
AFQ-10	10 μl	10 μl	0.8%	0.8%	4001510-04
AFQ-20	20 μl	20 μl	0.6%	0.5%	4001515-04
AFQ-25	250 μl	250 μl	0.5%	0.3%	4001520-04
AFQ-50	50 μl	50 μl	0.5%	0.3%	4001525-04
AFQ-100	100 μl	100 μl	0.5%	0.3%	4001530-04
AFQ-200	200 μl	200 μl	0.4% 0	.2%	4001535-04
AFQ-250	250 μl	250 μl	0.4%	0.2%	4001540-04
AFQ-500	500 μl	500 μl	0.3%	0.2%	4001545-04
AFQ-1000	1000 μl	1000 μl	0.3%	0.2%	4001550-04
AFQ-2000	2000 μl	2000 μl	0.3%	0.2%	4001555-04
AFQ-5000	5000 μl	5000 μl	0.3%	0.15%	4001560-04

Electronic Pipette Filling Device

The Iris Electronic Pipette Filling Device EF-200 is friendly, efficient and reliable electronic pipette filling instrument. Designed for ease and comfort to suit all types of liquid handling needs in every laboratory. Now, available in a new attractive design.



- Two LED's - Red - low charging - Green - Charging status
- Continuous adjustment of pump speed during operation.
- An universal silicon collet is provided to accept all standards pipettes up to 100 ml. internal knurling on the collet holds the pipette firmly.
- Comfortable grip.
- In-line membrane filter (0.2 micron) prevents **(a)** Aerosol Contamination **(b)** Liquid from entering the equipment by accident.
- Ni-MH 3.6 rechargeable batteries are used in combination with low power consumption circuit and vacuum/pressure pump. allows eight hours of continuous operation.
- Available in attractive colour combinations.
- Battery charger is provided with all models.

Model	Description	Colour	Catalogue No.
EF-200B	Electronic Pipette Filling Device	White body / Grey collet and plunger	4004005-0
EF-200G	Electronic Pipette Filling Device	White body / Violet collet and plunger	4004010-0
EF-200R	Electronic Pipette Filling Device	White body / Red collet and plunger	4004015-0

Pipette Controller

The economical pipette controller PC-100 is designed to limit the over aspiration. You only need one larger volume pipette Controller for the entire range of bulb and graduated pipettes made of glass and plastic from 0.1 to 100 ml. The penetration by liquids is effectively reduced by the hydrophobic membrane filter. A replacement filter is provided as standard. The entire macro can be autoclaved at 121°C.



- Maintenance-free
- Chemical resistant
- Human engineering design
- Lightweight and Sturdy
- Wide volume range

Model	Description	Volume Range	Colour	Catalogue No.
PC-101B	Pipette Controller	0.1ml-100ml	Blue parts + Grey ball	4004505-0
PC-101Y	Pipette Controller	0.1ml-100ml	Yellow parts + Grey ball	4004510-0
PC-101R	Pipette Controller	0.1ml-100ml	Red parts + Grey ball	4004515-0
PC-101G	Pipette Controller	0.1ml-100ml	Green parts + Grey ball	4004520-0
PC-101C	Pipette Controller	0.1ml-100ml	Grey parts + Grey ball	4004525-0
PC-102B	Pipette Controller	0.1ml-100ml	Blue parts + Black cylinder	4004530-0
PC-102Y	Pipette Controller	0.1ml-100ml	Yellow parts + Black cylinder	4004535-0
PC-102R	Pipette Controller	0.1ml-100ml	Red parts + Black cylinder	4004540-0
PC-102G	Pipette Controller	0.1ml-100ml	Green parts + Black cylinder	4004545-0
PC-102C	Pipette Controller	0.1ml-100ml	Grey parts + Black cylinder	4004550-0
PC-103B	Pipette Controller	0.1ml-100ml	Blue parts + Grey cylinder	4004555-0
PC-103Y	Pipette Controller	0.1ml-100ml	Yellow parts + Grey cylinder	4004560-0
PC-103R	Pipette Controller	0.1ml-100ml	Red parts + Grey cylinder	4004565-0
PC-103G	Pipette Controller	0.1ml-100ml	Green parts + Grey cylinder	4004570-0
PC-103C	Pipette Controller	0.1ml-100ml	Grey parts + Grey cylinder	4004575-0

Manual Pipette Controller

[Manual Pipette Controller](#)



Motorise Pipette Controller

Motorise Pipette Controller



Pipette Pump

The Iris Pipette Pump is one of the most economical and durable for small capacity liquid transferring which is true.



- Economical
- Highly gas tightness
- Environment- friendly materials
- Lightweight and dexterous for operation .
- Durable and unnecessary maintenance

Model	Description	Volume	Colour	Catalogue No.
PP-100B	Pipette Pump	2ml	Blue + White	4005005-0
PP-100Y	Pipette Pump	10ml	Green + White	4005010-0
PP-100R	Pipette Pump	25ml	Red + White	4005015-0

Digital Burette

- Motor Controlled piston movement.



- Re-circulation system allows quick purging without loss of reagent.
- Easy, user-friendly, TFT touchscreen guides you to perform quick and accurate titration.
- Three dispensing speeds including drop-wise dispensing allows you to achieve the end point very accurately.
- Dispensing can be performed by a touch of the screen and stops immediately when the touch is removed.
- 20 results can be saved in memory.
- Computer connectivity.
- Conforms to ISO 8655 standards.

Component	Description
Piston	PTFE & ETP
Cylinder	Borosilicate Glass
Valve Housing	PFA
Re-Circulation Valve Housing	PFA
Valve Assembly	Borosilicate Glass Ball & Seat
Discharge Assembly	PTFE
Delivery Tube	FEP
Inlet Tube	FEP
Calibration	Individually calibrated and certified.
Accuracy & Reproducibility	In accordance with ISO 8655 standards

