MICROPIPETTES

Our premium BOECO GP Series single- and multichannel air-interface adjustable Micropipettes include all features requested by the user:
Robustness, simple operation, complete autoclavability and ergonomic design, as well as highest accuracy and easy calibration for long lasting reliability.

- Completely autoclavable at 121°C (2 bar) as by DIN EN 285
- Ergonomic design
- Simple volume adjustment for left- and right-handers
- Integrated calibration function for easy calibration without the need for tools
- Good chemical & UV-light resistance
- conformity certified to DIN 12600 and CE/IVD compliant

Every package includes:
BOECO GP Pipettor, manual, QC-certificate.

Manufactured in Germany in accordance with ISO 9001:9008 / 14001:2009 quality and environmental standards.

All pipettors are tested acc. to DIN ISO 8655-2.

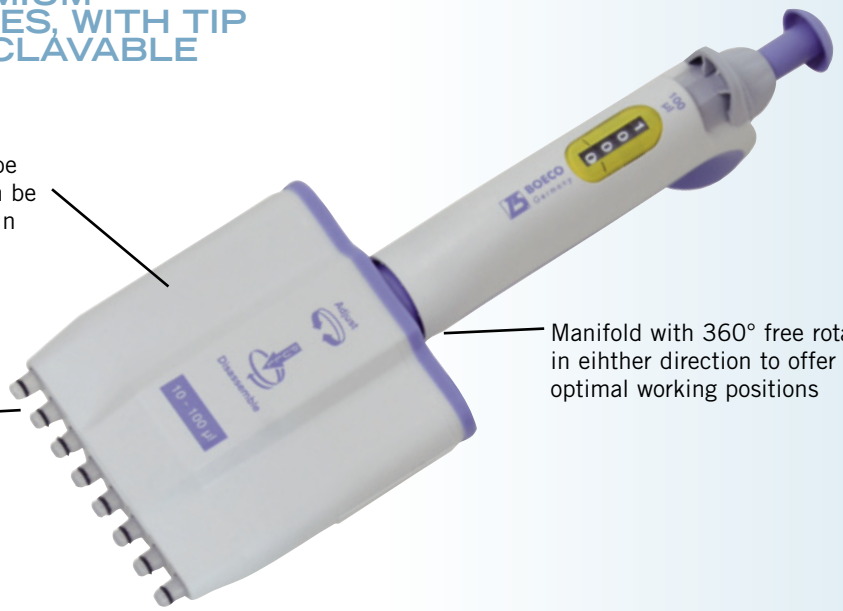
BOECO GP SERIES PREMIUM ADJUSTABLE VOLUME PIPETTE, WITH TIP EJECTOR, FULLY AUTOCLAVABLE

Cat.No	Volume	Increment	Test Volume	Inaccuracy	Imprecision	Tip Type
BOE 9910010	0,5 - 10 µl	0,01 µl	10 µl	±1,00%	±0,60%	A,B,C
			5 µl	±1,60%	±1,00%	
			1 µl	±7,00%	±4,00%	
BOE 9910020	2 - 20 µl	0,02 µl	20 µl	±0,80%	±0,40%	D,E,F
			10 µl	±1,20%	±0,70%	
			2 µl	±5,00%	±2,00%	
BOE 9910100	10 - 100 µl	0,1 µl	100 µl	±0,60%	±0,20%	D,E,F
			50 µl	±0,80%	±0,40%	
			10 µl	±3,00%	±1,00%	
BOE 9910220	20 - 200 µl	0,2 µl	200 µl	±0,60%	±0,20%	D,E,F
			100 µl	±0,80%	±0,30%	
			20 µl	±3,00%	±0,60%	
BOE 9911100	100 - 1000 µl	1 µl	1000 µl	±0,60%	±0,20%	G,H,I
			500 µl	±0,80%	±0,30%	
			100 µl	±3,00%	±0,60%	
BOE 9915000	500 - 5000 µl	5 µl	5000 µl	±0,60%	±0,20%	K
			2500 µl	±0,80%	±0,30%	
			500 µl	±3,00%	±0,60%	
BOE 9911111	1000 - 10000 µl	10 µl	10000 µl	±0,60%	±0,20%	M
			5000 µl	±0,80%	±0,30%	
			1000 µl	±3,00%	±0,60%	

BOECO GP SERIES PREMIUM MULTICHANNEL PIPETTES, WITH TIP EJECTOR, FULLY AUTOCLAVABLE

121°C

Especially service-friendly: Single shafts and seals can be easily removed, and thus can be directly cleaned or replaced in the laboratory



Manifold with 360° free rotation in eihther direction to offer optimal working positions

The combination of the stepped design of the ejector and spring made of FKM reduces the effort needed for ejecting the tips

Cat.No	Channels	Volume range	Increment	Test volumen	Inaccuracy	Imprecision	Tip Type
BOE 9908050	8-ch	0,5 - 50 µl	0,1 µl	50 µl	±0,80%	±0,40%	D,E,F
				25 µl	±1,40%	±0,80%	
				5 µl	±6,00%	±3,00%	
BOE 9908100	8-ch	10 - 100 µl	0,2 µl	100 µl	±0,80%	±0,30%	D,E,F
				50 µl	±1,40%	±0,60%	
				10 µl	±4,00%	±2,00%	
BOE 9908300	8-ch	30 - 300 µl	0,2 µl	300 µl	±0,60%	±0,30%	F
				150 µl	±1,20%	±0,60%	
				30 µl	±3,00%	±1,50%	
BOE 9912050	12-ch	0,5 - 50 µl	0,1 µl	50 µl	±0,80%	±0,40%	D,E,F
				25 µl	±1,40%	±0,80%	
				5 µl	±6,00%	±3,00%	
BOE 9912100	12-ch	10 - 100 µl	0,2 µl	100 µl	±0,80%	±0,30%	D,E,F
				50 µl	±1,40%	±0,60%	
				10 µl	±4,00%	±2,00%	
BOE 9912300	12-ch	30 - 300 µl	0,2 µl	300 µl	±0,60%	±0,30%	F
				150 µl	±1,20%	±0,60%	
				30 µl	±3,00%	±1,50%	

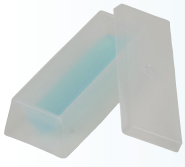
ACCESSORIES

Cat. No.	Description
BOE 1672010	Filter for GP Pipette 5 ml, Pack of 25 pcs.
BOE 1672012	Filter for GP Pipette 10 ml, Pack of 25 pcs.
BOE 1672110	Shelf/rack mount for GP-Series Micropipettes
BOE 1672112	Rotary Bench top stand for 6 GP-Series Micropipettes
BOE 9600006	Linear acrylic stand for up to 6 BOECO SA/GP Series Micropipettes, grey.
BOE 3190990	Autoclavable and transparent reagent reservoir with lid Optimally suited for working with multichannel pipettes. Capacity 60 ml, Pack of 10 units

RACK MOUNT

ROTARY CAROUSEL STAND

LINEAR STAND



REAGENT RESERVOIR

Volume adjustment is easily achieved by turning the thumb activated plunger mechanism.

Clear Digital 4 digit Display. The selected volume is shown on a clear digital display window on the hand grip.

The durable Tip Cone offers highest resistance to shocks and chemical corrosion

Our BOECO SA Series single- and multichannel Micropipettes, are our standard fully autoclavable Pipettes, which due to their high accuracy and precsion, robustness quality and fantastic ergonomic design make them a excelent price value pipette for all laboratory needs in all over the world

- Completely autoclavable at 121°C
- Ergonomic design
- Tip Ejector, for smooth ejection of the tip*
- Precise Setting of the selected volume ensures accurate aspiration & dispensing of the liquid
- Grip made out of TPE (Thermo Plasto Elastomer) prevents transfer of heat to internal components ensuring accurate pipette operation even on continuos use.
- Good chemical & UV-light resistance

Every package includes:
BOECO SA Pipettor, manual, QC-certificate, Service tool, Grease

All pipettors are tested acc. to ISO 8655 / DIN 12650 are been calibrated in a ISO/IEC 17025 accredited laboratory.

Manufactured in accordance with ISO 9001:2008 and ISO 13485:2003 quality standards

*The 10.000 µl (10 ml) models BOE 9621111 and BOE 9611111 do have a blocked tip ejector. The 10 ml tips have to be removed by hand

BOECO SA SERIES, FIXED VOLUME PIPETTE, WITH TIP EJECTOR

Color-coded button for easy tip selection

Cat.No.	Volume	Inaccuracy	Imprecision	Tip Type
BOE 9620005	5 µl	± 1,30 %	± 1,20 %	D,E,F
BOE 9620010	10 µl	± 0,80 %	± 0,80 %	D,E,F
BOE 9620020	20 µl	± 0,60 %	± 0,50 %	D,E,F
BOE 9620025	25 µl	± 0,50 %	± 0,30 %	D,E,F
BOE 9620050	50 µl	± 0,50 %	± 0,30 %	D,E,F
BOE 9620100	100 µl	± 0,50 %	± 0,30 %	D,E,F
BOE 9620200	200 µl	± 0,40 %	± 0,20 %	D,E,F
BOE 9620250	250 µl	± 0,40 %	± 0,20 %	G,H,I
BOE 9620500	500 µl	± 0,30 %	± 0,20 %	G,H,I
BOE 9621000	1000 µl	± 0,30 %	± 0,20 %	G,H,I
BOE 9622000	2000 µl	± 0,30 %	± 0,15 %	J
BOE 9625000	5000 µl	± 0,30 %	± 0,15 %	J
BOE 9621111	10000 µl	± 0,60 %	± 0,20 %	L

LINEAR BENCH STAND FOR SA/GP SERIES MICROPIPETTES

Cat. No.	Description
BOE 9600006	Linear acrylic stand for up to 6 BOECO SA/GP Series Micropipettes, grey.

BOECO SA SERIES ADJUSTABLE VOLUME PIPETTES, WITH TIP EJECTOR

Cat.No	Channels	Volume	Increment	Testvolume	Inaccuracy	Imprecision	Tip Type
BOE 9610002	1-ch	0,1 - 2,5 µl	0,01 µl	2,5 µl	±2,50%	±1,60%	A,B,C
				1,25 µl	±3,00%	±3,00%	
				0,25 µl	±12,00%	±6,00%	
BOE 9610010	1-ch	0,5 - 10 µl	0,1 µl	10 µl	±1,00%	±0,80%	A,B,C
				5 µl	±2,00%	±1,00%	
				1 µl	±2,50%	±1,50%	
BOE 9610020	1-ch	2 - 20 µl	0,1 µl	20 µl	±0,90%	±0,40%	B,C
				10 µl	±1,50%	±1,00%	
				2 µl	±3,00%	±2,00%	
BOE 9610050	1-ch	5 - 50 µl	0,5 µl	50 µl	±0,60%	±0,30%	D,E,F
				25 µl	±0,80%	±0,40%	
				5 µl	±2,00%	±2,00%	
BOE 9610100	1-ch	10 - 100 µl	0,5 µl	100 µl	±0,80%	±0,15%	D,E,F
				50 µl	±1,00%	±0,50%	
				10 µl	±3,00%	±1,50%	
BOE 9610220	1-ch	20 - 200 µl	1 µl	200 µl	±0,60%	±0,15%	D,E,F
				100 µl	±0,70%	±0,30%	
				20 µl	±2,00%	±0,80%	
BOE 9611100	1-ch	100 - 1000 µl	5 µl	1000 µl	±0,60%	±0,20%	G,H,I
				500 µl	±1,00%	±0,40%	
				100 µl	±2,00%	±0,70%	
BOE 9615000	1-ch	500 - 5000 µl	50 µl	5000 µl	±0,50%	±0,15%	J
				2500 µl	±0,60%	±0,30%	
				500 µl	±2,00%	±0,60%	
BOE 9611111	1-ch	1000 - 10000 µl	100 µl	10000 µl	±0,60%	±0,20%	L
				5000 µl	±1,20%	±0,30%	
				1000 µl	±3,00%	±0,60%	

Cat.No	Channels	Volume	Increment	Testvolume	Inaccuracy	Imprecision	Tip Type
BOE 9608010	8-ch	0,5 - 10 µl	0,1 µl	10 µl	±2,00%	±1,00%	A,B,C
				5 µl	±4,00%	±2,00%	
				1 µl	±8,00%	±1,00%	
BOE 9608050	8-ch	5 - 50 µl	0,5 µl	50 µl	±1,00%	±0,70%	D,E,F
				25 µl	±1,50%	±1,00%	
				5 µl	±3,00%	±2,00%	
BOE 9608100	8-ch	10 - 100 µl	1 µl	100 µl	±0,80%	±0,30%	D,E,F
				50 µl	±1,00%	±0,80%	
				10 µl	±3,00%	±2,00%	
BOE 9608300	8-ch	30 - 300 µl	1 µl	300 µl	±0,60%	±0,30%	F
				150 µl	±1,00%	±0,50%	
				300 µl	±3,00%	±1,00%	
BOE 9612010	12-ch	0,5 - 10 µl	0,1 µl	10 µl	±2,00%	±1,00%	A,B,C
				5 µl	±4,00%	±2,00%	
				1 µl	±8,00%	±1,00%	
BOE 9612050	12-ch	5 - 50 µl	0,5 µl	50 µl	±1,00%	±0,70%	D,E,F
				25 µl	±1,50%	±1,00%	
				5 µl	±3,00%	±2,00%	
BOE 9612100	12-ch	10 - 100 µl	1 µl	100 µl	±0,80%	±0,30%	D,E,F
				50 µl	±1,00%	±0,80%	
				10 µl	±3,00%	±2,00%	
BOE 9612300	12-ch	30 - 300 µl	1 µl	300 µl	±0,60%	±0,30%	F
				150 µl	±1,00%	±0,50%	
				300 µl	±3,00%	±1,00%	