



sartorius

**BIOHIT** Picus  
Electronic Pipette



turning science into solutions

# Picus. Revolutionize your Pipetting!

Meet Picus – the Red Dot awarded electronic pipette that eases your work load, protects you from injuries by ensuring optimal working posture and allows accurate and precise pipetting results!

Laboratory professionals need instruments that are ergonomic, easy to use and reliable. To meet those needs, Biohit, known as forerunner in liquid handling products with a long history in developing high quality pipettes, has now set a completely new standard for electronic pipettes. A dedicated team of R&D and ergonomics professionals, together with laboratory personnel, has developed a new technology with your needs and well being in mind. The result is the most ergonomic and sophisticated pipette in the market for laboratory professionals who demand the highest quality, safety and reliability in their work. The outstanding design of Picus was awarded with the Red dot design award in 2012.



reddot design award  
winner 2012



|| Picus is amazingly ergonomic and really easy to program



## Enjoy pipetting

New ergonomic design protects you from RSI (repetitive strain injury) and eases the workload in long pipetting series.

The lightest and smallest electronic pipette ensures optimal working posture and offers comfortable pipetting.

## Achieve reliable results

New generation technology – electronic brake and the piston control system guarantee accurate and precise pipetting results.

Unique plate tracker increases the reliability in microwell plate work by guiding pipetting steps.

## Learn to use it in a minute!

Intuitive user interface – adopt the main functions easily without the manual.

Fastest volume setting and easy menu navigation with unique Adjustment wheel.

Hot key – fast access to your favorite programs easing up your routine work.



It's hard to understand that any electronic device can be this light (only 100 g)

## Technical features

- Calibration adjustment in 1-, 2- or 3-points
- Information for the service and calibration intervals
- Autoclavable lower parts (excl. 1200 µl models)
- Charging in charging stand or with micro USB cable
- Possible to continue working with USB charging connected
- Li-Polymer battery enables charging time in approx. 1 hour

## Intuitive user-interface



### Ergonomics

- Lightest and smallest electronic pipette (only 100 g)
- Comfortable handle design and finger hook
- Unique electronic tip ejection
- Together with our distinguished Pipetting Academy training program, Picus will help you improve your health and safety in the lab



### Optiload for perfect tip sealing

- Allows tip loading with an equal constant force to every channel
- Enables perfect tip sealing to every individual tip cone

### Safe-Cone filters

in all models > 10 µl to prevent contamination



# Highlights

Soft keys for programming

Hot key for fast access up to 10 saved programs

Unique electronic tip ejection

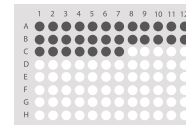
Operating button

**Adjustment wheel**

- Offers extremely fast volume setting and easy menu navigation
- Enables ergonomic one-handed operation
- Controls accurately manual pipetting and titrating speed with just a light touch of thumb

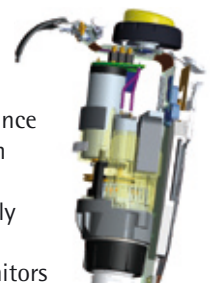
**Microwell plate tracker**

- Unique built-in tracker for 96 and 384 well plates guides the user to pipette into correct wells
- Improves work efficiency and reliability of results
- Tracker is an optional feature used in conjunction with Pipetting, Reverse Pipetting and Multi Dispensing modes



**New generation technology**

- Enhanced DC-motor concept takes Picus a step beyond the existing technological solutions providing outstanding performance
- Electronic brake stops the piston movement rapidly and precisely ensuring high precision especially in serial dispensing
- Optical sensor controls and monitors piston movement in real time ensuring unbeatable accuracy and reliability



# Pipetting modes

Main mode – available in all Picus models	Additional functions – to be used in conjunction with the main mode				
	Tracker	Mixing	Counter	Excess Volume Adjustment	Auto Dispensing (Timed)
Pipetting	✓	•	•	•	•
Reverse Pipetting	✓	•	•	•	•
Manual Pipetting	✓				
Multi Dispensing	✓	•		•	•
Diluting	✓		•		
Sequential Dispensing	✓			•	
Multi Aspiration	✓				
Titrate	✓				

# Pipette stands ordering details

Cat. No.	Channels
730981	Charging Stand for one pipette
730991	Charging Carousel for 4 pipettes
725620	Linear Stand

Charging stands include universal AC-adaptor (EU, UK, US | JPN and CHN plugs)



Linear Stand



Charging Stand



Charging Carousel

## Ordering details

Cat. No.	Channels	Volume Range (µl)	Increment (µl)	Test Volume (µl)	Inacc. (%)	Impr. (%)	Safe-Cone Filters		Optifit Standard Tips	SafetySpace™ Filter Tips
							Standard	Plus		
735021	1	● 0.2 – 10 µl	0.02	10	0.90 %	0.40 %	–	–	10	10
				5	1.00 %	0.70 %				
				1	2.50 %	1.50 %				
735041	1	● 5 – 120 µl	0.10	120	0.40 %	0.15 %	721008	721018	200, 350	120
				60	0.60 %	0.20 %				
				12	2.00 %	1.00 %				
735061	1	● 10 – 300 µl	0.20	300	0.40 %	0.15 %	721007	721017	350	300
				150	0.60 %	0.20 %				
				30	1.50 %	0.80 %				
735081	1	● 50 – 1000 µl	1.00	1000	0.40 %	0.15 %	721006	721016	1000	1000
				500	0.60 %	0.20 %				
				100	1.50 %	0.50 %				
735101	1	● 100 – 5000 µl	5.00	5000	0.50 %	0.15 %	721005	721015	5000	–
				2500	0.80 %	0.20 %				
				500	1.00 %	0.40 %				
735111	1	● 500 – 10000 µl	10.00	10000	0.60 %	0.20 %	721005	721015	10000	–
				5000	1.20 %	0.30 %				
				1000	3.00 %	0.60 %				
735321	8	● 0.2 – 10 µl	0.02	10	0.90 %	0.50 %	–	–	10	10
				5	1.50 %	0.80 %				
				1	4.00 %	3.00 %				
735341	8	● 5 – 120 µl	0.10	120	0.50 %	0.20 %	721008	721018	200, 350	120
				60	0.70 %	0.30 %				
				12	2.00 %	1.50 %				
735361	8	● 10 – 300 µl	0.20	300	0.50 %	0.20 %	721007	721017	350	300
				150	0.70 %	0.30 %				
				30	2.00 %	1.00 %				
735391	8	● 50 – 1200 µl	1.00	1200	0.50 %	0.20 %	721006	721016	1200	1200
				600	1.00 %	0.30 %				
				120	2.50 %	1.00 %				
735421	12	● 0.2 – 10 µl	0.02	10	0.90 %	0.50 %	–	–	10	10
				5	1.50 %	0.80 %				
				1	4.00 %	3.00 %				
735441	12	● 5 – 120 µl	0.10	120	0.50 %	0.20 %	721008	721018	200, 350	120
				60	0.70 %	0.30 %				
				12	2.00 %	1.50 %				
735461	12	● 10 – 300 µl	0.20	300	0.50 %	0.20 %	721007	721017	350	300
				150	0.70 %	0.30 %				
				30	2.00 %	1.00 %				
735491	12	● 50 – 1200 µl	1.00	1200	0.50 %	0.20 %	721006	721016	1200	1200
				600	1.00 %	0.30 %				
				120	2.50 %	1.00 %				

All pipettes include universal AC-adaptor (EU, UK, US | JPN, AUS and CHN plugs)

## Contact details

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