

# Picus Electronic Pipette



# Picus Electronic Pipettes. The Most Sophisticated and Ergonomic Pipette Ever!

Picus, the winner of the Red Dot design award and the Fennia Prize Honorary Mention in 2012, is Sartorius' newest, and most ergonomic, pipette in the Biohit*family*. Designed to revolutionise pipetting, it is the lightest electronic pipette on the market. This enables it to ease the user's workload and provides protection from repetitive strain injury (RSI). Its new generation technology, electronic brake and piston control system guarantee accurate and precise pipetting results. By guiding pipetting steps, the unique plate tracker increases reliability in microwell plate work. Picus is available in single-channel models, covering a volume range of 0.2-10 000  $\mu\text{l}$  and in multichannel models from 0.2  $\mu\text{l}$  to 1200  $\mu\text{l}$ .



reddot design award  
winner 2012



▮▮ Picus is amazingly ergonomic  
and really easy to program





## Enjoy Pipetting

Our lightest and smallest electronic pipette protects you from RSI (repetitive strain injury) and eases your workload in long pipetting series.

The new ergonomic design ensures an optimal working posture and comfortable pipetting.

The effortless, electronic tip ejection saves your hand from strain.

## Achieve Reliable Results

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

A unique plate tracker increases reliability in microwell plate work, by guiding pipetting steps.

Fully electronic operation guarantees user-independent results.

## Learn to Use it in a Minute!

Intuitive user interface – learn the main functions easily without a manual.

Learn the main functions easily without a manual. Fastest volume setting and easy menu navigation with unique adjustment wheel.

Hot key – quick access to your favourite programs, easing routine and repetitive 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 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 on
- Li-Polymer battery enables charging time of approx. 1 hour

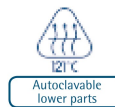
### Intuitive User-interface

Available in five language versions: English, Chinese, French, German and Russian



### Ergonomics

- Extremely small and light electronic pipette (only 100 g)
- Comfortable handle design and finger hook
- Unique electronic tip ejection
- Together with our highly regarded Pipetting Academy training programme, Picus will help you to improve your health and safety in the lab



### Autoclavable Lower Parts

(except for 1200 µl multi-channel lower parts)



### 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



# Features and Benefits

Soft Keys for Programming

Operating Button

Hot Key for Fast Access to up to 10 Saved Programs

Unique Electronic Tip Ejection

## 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 the thumb

## Microwell Plate Tracker

- Unique built-in tracker for 96 and 384 well plates guides the user to pipette into the 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 existing technological solutions, providing outstanding performance
- Electronic brake stops 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
Pipetting	✓	✓	✓		
Reverse Pipetting	✓		✓	✓	
Manual Pipetting	✓				
Multi Dispensing	✓			✓	✓
Diluting	✓	✓			
Sequential Dispensing	✓			✓	
Multi Aspiration	✓				
Titrate	✓				



Charging Stand

## Picus Charging Options

- 1-Place Charging Stand
- 4-Place Charging Carousel
- USB cable

Picus electronic pipettes can be charged with a 1-place charging stand, a 4-place charging carousel or a direct charging USB cable. The variety of charging options has been designed for optimal utility.

It is possible to continue pipetting while the Picus is being charged, using a USB cable. The compact design of the 4-pipette charging carousel is ideal for saving bench space in the laboratory. The 4-place rotating head provides easy access to the desired unit.



Charging Carousel

## Ordering Information

Pipette Stands



Linear Stand

Cat. No.	Item
730981	Charging Stand for one pipette
730991	Charging Carousel for 4 pipettes
725620	Linear Stand (non-charging)

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

# Ordering Information

## Picus

Cat. No.	Channels	Volume Range (µl)	Increment (µl)	Test Volume (µl)	Inacc. (%)	Impr. (%)	Safe-Cone Standard	Filters Plus	Optifit Tips (µl)	SafetySpace™ Filter Tips (µl)
735021	1	● 0.2-10	0.01	10	0.90	0.40	-	-	10	10
				5	1.00	0.70				
				1	2.50	1.50				
735041	1	● 5-120	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	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	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	5.00	5000	0.50	0.15	721005	721015	5000	-
				2500	0.80	0.20				
				500	1.00	0.40				
735111	1	● 500-10000	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	0.01	10	0.90	0.50	-	-	10	10
				5	1.50	0.80				
				1	4.00	3.00				
735341	8	● 5-120	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	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	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	0.01	10	0.90	0.50	-	-	10	10
				5	1.50	0.80				
				1	4.00	3.00				
735441	12	● 5-120	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	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	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)

# Sales and Service Contacts

For further contacts, visit [www.sartorius.com](http://www.sartorius.com)

## Europe

### Germany

Sartorius Lab Instruments  
GmbH & Co. KG  
Weender Landstrasse 94-108  
37075 Goettingen

Phone +49.551.308.0  
Fax +49.551.308.3289

### France Et Suisse Romande

Sartorius France S.A.S.  
ZI Les Paluds  
Avenue de Jouques - CS 31090  
13781 Aubagne Cedex

Phone +33.442.845600  
Fax +33.442.846545

### Austria

Sartorius Austria GmbH  
Franzosengraben 12  
1030 Vienna

Phone +43.1.7965760.0  
Fax +43.1.7965760.24

### Belgium

Sartorius Belgium N.V.  
Leuvensesteenweg, 248/B  
1800 Vilvoorde

Phone +32.2.756.06.71  
Fax +32.2.253.45.95

### Finland Et Baltics

Sartorius Biohit Liquid Handling Oy  
Laiptatie 1  
00880 Helsinki

Phone +358.9.755.951  
Fax +358.9.755.95.292

### Hungary

Sartorius Hungária Kft.  
Kagyló u. 5.  
2092 Budakeszi

Phone +3623.457.227  
Fax +3623.457.147

### Ireland

Sartorius Ireland Ltd.  
Unit 41, The Business Centre  
Stadium Business Park  
Ballycoolin Road  
Dublin 11

Phone +353.1.8089050  
Fax +353.1.8089388

### Italy

Sartorius Italy S.r.l.  
Via dell'Antella, 76/A  
50012 Antella-Bagno a Ripoli (FI)

Phone +39.055.63.40.41  
Fax +39.055.63.40.526

### Poland

Sartorius Poland sp.z o.o.  
ul. Wrzesinska 70  
62-025 Kostrzyn

Phone +48.61.6473830  
Fax +48.61.6473839

### Russian Federation

LLC "Sartorius ICR"  
and LLC "Biohit"  
Uralskaya str. 4, Lit. B  
199155, Saint-Petersburg

Phone +7.812.327.5.327  
Fax +7.812.327.5.323

### Spain Et Portugal

Sartorius Spain S.A.  
Offices in Madrid:  
C/ Isabel Colbrand, 10-12, of. 70  
28050 Madrid

Phone Spain +34.902.123.367  
Phone Portugal +351.800.855.800  
Fax Spain +34.91.358.84.85  
Fax Portugal +351.800.855.799

### Switzerland

Sartorius Mechatronics Switzerland AG  
Ringstrasse 24a  
8317 Tagelswang (ZH)

Phone +41.44.746.50.00  
Fax +41.44.746.50.50

### U.K.

Sartorius UK Ltd.  
Longmead Business Centre  
Blenheim Road, Epsom  
Surrey KT19 9QQ

Phone +44.1372.737159  
Fax +44.1372.729927

## America

### USA

Sartorius Corporation  
5 Orville Drive, Suite 200  
Bohemia, NY 11716

Phone +1.631.254.4249  
Toll-free +1.800.635.2906  
Fax +1.631.254.4253

### Argentina

Sartorius Argentina S.A.  
Int. A. Ávalos 4251  
B1605ECS Munro  
Buenos Aires

Phone +54.11.4721.0505  
Fax +54.11.4762.2333

### Brazil

Sartorius do Brasil Ltda  
Av. Dom Pedro I, 241  
Bairro Vila Pires  
Santo André  
São Paulo  
Cep 09110-001

Phone +55.11.4451.6226  
Fax +55.11.4451.4369

### Canada

Sartorius Canada Inc.  
2179 Dunwin Drive #4  
Mississauga, ON L5L 1X2

Phone +1.905.569.7977  
Toll-Free +1.800.668.4234  
Fax +1.905.569.7021

### Mexico

Sartorius de México S.A. de C.V.  
Circuito Circunvalación Poniente  
No. 149  
Ciudad Satélite  
53100, Estado de México  
México

Phone +52.5555.62.1102  
Fax +52.5555.62.2942

## Asia | Pacific

### Australia

Sartorius Australia Pty. Ltd.  
Unit 5, 7-11 Rodeo Drive  
Dandenong South Vic 3175

Phone +61.3.8762.1800  
Fax +61.3.8762.1828

### China

Sartorius Scientific  
Instruments (Beijing) Co., Ltd.  
33 Yu An Road, Airport Industrial Park  
Zone B,  
Shunyi District, Beijing 101300,  
P.R.China

Phone +86.10.8042.6300  
Fax +86.10.8042.6486

### Hong Kong

Sartorius Hong Kong Ltd.  
Unit 1012, Lu Plaza  
2 Wing Yip Street  
Kwung Tong  
Kowloon, Hong Kong

Phone +852.2774.2678  
Fax +852.2766.3526

### India

Sartorius Weighing India Pvt. Ltd.  
#69/2-69/3, NH 48, Jakkasandra,  
Nelamangala Tq  
562 123 Bangalore, India

Phone +91.80.4350.5250  
Fax +91.80.4350.5253

### Japan

Sartorius Stedim Japan K.K.  
4th Fl., Daiwa Shinagawa North Bldg.  
8-11, Kita-Shinagawa 1-chome  
Shinagawa-ku, Tokyo, 140-0001 Japan

Phone +81.3.4331.4300  
Fax +81.3.4331.4301

### Malaysia

Sartorius Malaysia Sdn. Bhd  
Lot L3-E-3B, Enterprise 4  
Technology Park Malaysia  
Bukit Jalil  
57000 Kuala Lumpur, Malaysia

Phone +60.3.8996.0622  
Fax +60.3.8996.0755

### Singapore

Sartorius Singapore Pte. Ltd  
1 Science Park Road,  
The Capricorn, #05-08A,  
Singapore Science Park II  
Singapore 117528

Phone +65.6872.3966  
Fax +65.6778.2494

### South Korea

Sartorius Korea Ltd.  
8th Floor, Solid Space B/D,  
PanGyoYeok-Ro 220, Bundang-Gu  
SeongNam-Si, GyeongGi-Do, 463-400

Phone +82.31.622.5700  
Fax +82.31.622.5799

### Thailand

Sartorius (Thailand) Co. Ltd.  
129 Rama 9 Road,  
Huaykwang  
Bangkok 10310

Phone +66.2643.8361-6  
Fax +66.2643.8367



◀ [www.sartorius.com](http://www.sartorius.com)