



sartorius

Picus Electronic Pipette



turning science into solutions

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 μl and in multichannel models from 0.2 μl to 1200 μl .



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

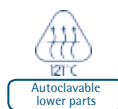
Intuitive User-interface

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

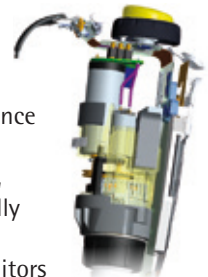
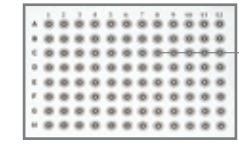
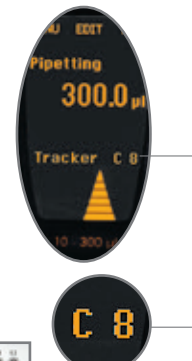
- Offers extremely fast volume setting and easy menu navigation
- Enables ergonomic one-handed operation
- Controls accurately manual pipetting and titrating speed with just a light touch of the thumb

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



Charging Carousel



Linear 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.

Ordering Information

Pipette Stands

| 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

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 & 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
Franzengraben 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 & Baltics

Sartorius Biohit Liquid Handling Oy
Laippatie 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 & 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 Tagelswangen (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