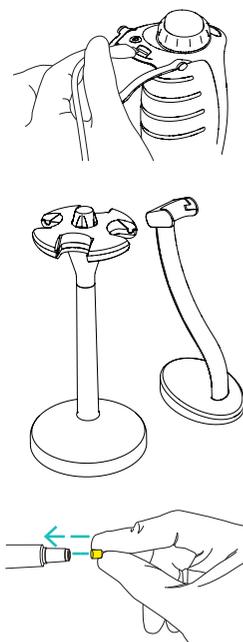


Getting Started

- Picus®|Picus® Nxt pipettes are delivered ready for use, with the battery partially charged. However, for the best results we recommend fully charging the pipette for approximately one hour before first use.
 - **Using the USB Charger: (Order code: LH-735001):** connect the charger to the pipette's USB socket, and plug the charger adapter into a power outlet (mains).
 - **Using the charging stand (Order code: 730981) or carousel (Order code: 730991):** make sure the charging stand is connected to a power outlet (mains), and insert the pipette into the grooves on the charging stand so that the charging contacts meet.
- Insert the replaceable Safe-Cone Filter(s) into the tip cone(s) before use, to reduce the possible risk of the pipette becoming contaminated. Alternatively, you may use filter tips.
- Press the **on/off** button on top of the pipette to turn the power on.
- Press the tip ejector when indicated by the display.
- The pipette is now ready for programming and use.



Pipetting Modes

Advanced functions can be used in conjunction with the main pipetting modes, as shown below.

Pipetting Modes	Advanced Functions (ADV)*						
	Plate Tracker	Mixing	Counter	Excess Volume Adjustment	Auto-Dispensing	Fast Dispensing	Repeated Blow-out
Pipetting	■	■	■				■
Reverse Pipetting	■		■	■			
Manual Pipetting							■
Multi-Dispensing	■			■	■		
Diluting		■					■
Sequential Dispensing				■	■		
Multi-Aspiration							■
Titration						■	
Protocols**	■			■	■	■	■

* Advanced functions are used in conjunction with the pipetting modes.

** The availability of advanced functions varies according to the pipetting mode selected. Highlighted available in Picus® Nxt models.

Sales and Service Contacts

For further contacts, visit www.sartorius.com



Finland
Sartorius Biohit Liquid Handling
Laippatie 1
00880 Helsinki
Phone +358 9 755 951

Germany
Sartorius Lab Instruments
GmbH & Co. KG
Otto-Brenner-Strasse 20
37079 Goettingen
Phone +49 551 308 0

USA
Sartorius Corporation
5 Orville Drive, Suite 200
Bohemia, NY 11716
Phone +1 631 254 4249
Toll-free +1 800 635 2906

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

SARTORIUS

Quick Guide

Sartorius Picus® & Picus® Nxt Electronic Pipettes



This Quick Start Guide is for basic operation of the Picus®|Picus® Nxt electronic pipettes. For further information and more detailed instructions, please refer to the user manual available at www.sartorius.com and lhinfo.finland@sartorius.com.

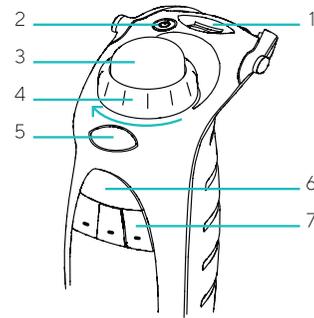
Specifications subject to change without notice.
Copyright Sartorius Biohit Liquid Handling Oy
Printed in the EU on paper bleached without chlorine.
Part no. 85037-545-23
Status: 03 | 2022



Product Overview

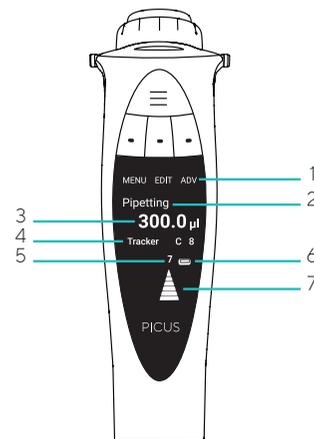
Operating Buttons

1. USB charging socket
2. On/off button
3. Operating button
4. Adjustment wheel
5. Electronic tip ejector
6. Hotkey for memory places
7. Softkeys for programming



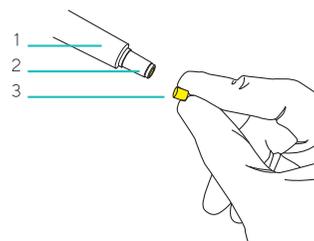
Display

1. Softkey functions
2. Current mode
3. Pipetting volume and aliquots in multi-dispensing mode
4. Advanced Function (ADV), if selected
5. Speed
6. Battery indicator
7. Arrow indicating pipetting direction



Lower Part

1. Tip ejector collar
2. Tip cone
3. Safe-Cone Filter



Setup

It is possible to personalise settings in Picus®|Picus® Nxt. Press the left softkey to open the menu, and scroll down using the adjustment wheel to highlight **setup**, and press right softkey for **OK**.

Setup Options

Sound: turns sounds on or off, for example for the adjustment wheel, messages, and battery status indicator.

Adjustment: lets the user to adjust the pipette at 1, 2, or 3 calibration points.

- **1-point adjustment:** calibration at 1 point, set the calibration volume in μl
- **2-point adjustment:** calibration at 10% and 100% of the nominal volume
- **3-point adjustment:** calibration at 10%, 50% and 100% of the nominal volume

Adjustment is always done in Pipetting mode, and the adjustment is valid in all modes when activated.

Backlight: changes the display backlight colour.

User ID: allows the user to personalise the pipette with an **ID**.

GLP Info (only in Picus®): for setting and displaying the previous and next service and maintenance dates.

Reset: resets pipette to factory settings.

Information: displays the software version and battery charging level.

Languages: displays available user interface languages: English, French, German, Chinese and Russian.

Pipette lock (only in Picus® Nxt): locks the pipette, e.g. in case of contamination. If password protection is enabled, the admin password is required to unlock the pipette.

Passwords (only in Picus® Nxt): 2-level passwords - user level, to limit the use of the pipette to a specific user, and admin level, to protect stored programs and other settings.

Date & Time (only in Picus® Nxt): for setting date and time.

Reminders (only in Picus® Nxt): for setting service-related reminders.

Tip ejection: for selecting whether the tip ejector needs to be pressed once or twice to eject the tip.



Press softkey for **menu**



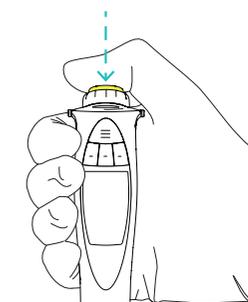
Choose mode



Press softkey for **edit**



Change the setting and press softkey for **OK** or **next**



Start pipetting by pressing operating button

Operation

Button Functions

Operating button

- Activates aspiration and dispensing
- Confirms the selected settings

Adjustment wheel

- Enables fast and comfortable navigation in menu and volume setting
- Controls pipetting aspiration and dispensing operations in manual pipetting mode

Softkeys

- Activate the programming functions

To select the mode:

1. Press the left softkey to open the menu, then turn the adjustment wheel to scroll between modes.
2. Press the operating button, or the right softkey for **OK** to confirm the mode selection.

To edit the settings:

1. Turn the adjustment wheel or press the middle softkey for **edit** to unlock the mode for editing.
2. Change the settings by turning the adjustment wheel.
3. Confirm the setting by pressing
 - a. the operating button or the right softkey for **OK**, which will exit the editing mode.
 - or
 - b. the middle softkey for **next**, to move on to edit the next highlighted setting.
4. Repeat steps 2 and 3 for all the settings you wish to edit.

To activate the advanced functions:

1. Press the right softkey for **ADV** to choose the desired advanced function (e.g. mixing, tracker, counter)
2. Scroll through the list of advanced functions using the softkey for **next**
3. Turn the selected advanced function on by turning the adjustment wheel.
4. Press the operating button or the softkey for **OK** to accept the activation.

To use the pipette with the selected mode:

1. Attach the pipette tip(s).
2. Press the operating button as many times as needed to complete the pipetting sequence until the liquid is dispensed.
3. Eject the tip by pressing the tip ejector button.