Pipette / Dispenser

NEXTY series

Peggy

BlackBird

NEXTY Autoclavable Pipettes

Fully autoclavable (121℃ for 20 minutes) !!
You can perform autoclave sterilization, therefore you can use it
kept clean without worry
about contamination.

NT-A2   NT-A10   NT-A20

Triple-Speed Turbo Dial   **Mushroom-shaped Push Button**

● Lock lever   ● Color-coaded
● Digital indicator

NT-A100   NT-A200   NT-A1000   NT-A5000

Tool for Assembly and Disassembly

Attach the convenient tool for
assembly and disassembly
when you need maintenance of NEXTY.
* Only NEXTY-A5000 is excluded.

AC
Autoclavable

⚠️ **Caution:**
Do Not Touch immediately after autoclave, because of Hot surface of autoclavable NEXTY.

Cat. No.	Item	Minimal scale	Volume	Accuracy	Precision	Compatible tip	Packaging
NT-A2	NEXTY-A2 Autoclavable Pipette 0.2～2 μL	0.001 μL	0.2 μL	≦± 15.0%	≦ 8.0%	**204** / 207	1 unit
			2 μL	≦± 2.5%	≦ 1.0%		
NT-A10	NEXTY-A10 Autoclavable Pipette 1～10 μL	0.01 μL	1 μL	≦± 5.0%	≦ 2.5%	204 / **207**	1 unit
			10 μL	≦± 1.0%	≦ 0.5%		
NT-A20	NEXTY-A20 Autoclavable Pipette 2～20 μL	0.01 μL	2 μL	≦± 6.0%	≦ 3.0%	**705** / 703 / 503	1 unit
			20 μL	≦± 1.0%	≦ 0.5%		
NT-A100	NEXTY-A100 Autoclavable Pipette 10～100 μL	0.1 μL	10 μL	≦± 2.0%	≦ 1.0%	**705** / 703 / 503 / 505 / 801	1 unit
			100 μL	≦± 0.8%	≦ 0.3%		
NT-A200	NEXTY-A200 Autoclavable Pipette 20～200 μL	0.1 μL	20 μL	≦± 2.0%	≦ 1.0%	**705** / 703 / 503 / 505 / 801	1 unit
			200 μL	≦± 0.8%	≦ 0.3%		
NT-A1000	NEXTY-A1000 Autoclavable Pipette 100～1000 μL	1 μL	100 μL	≦± 2.0%	≦ 0.6%	502 / **706** / 804 / 806 / 805	1 unit
			1000 μL	≦± 0.8%	≦ 0.3%		
NT-A5000	NEXTY-A5000 Autoclavable Pipette 500～5000 μL	5 μL	500 μL	≦± 2.0%	≦ 0.6%	**401**	1 unit
			5000 μL	≦± 0.8%	≦ 0.3%		

Note: Each pipette is calibrated with a tip in bold letter shown above. Other tips if used may cause a slight deviation in performance.

NEXTY Autoclavable Pipettes

NEXTY Single Channel Pipettes

NEXTY Single Channel Pipettes

NEXTY standard models have high operating efficiency.

Triple-Speed Turbo Dial   **Mushroom-shaped Push Button**

- Lock lever   - Color-coaded
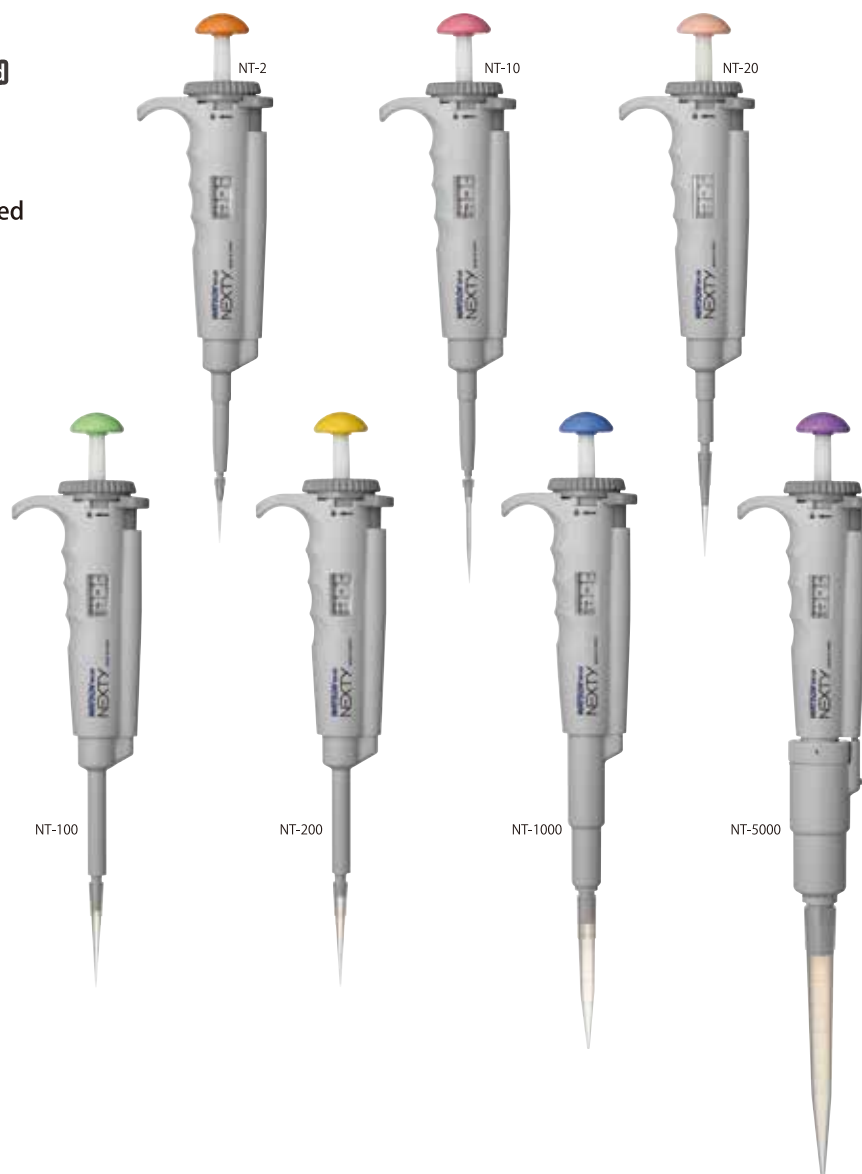- Digital indicator

AC
Autoclavable
Bottom Parts

Autoclavable bottom parts

The nose-cone and eject cone can be taken off and autoclaved.

*O-rings and seal rings can be left in nose-cone - they are autoclavable. The Nose cone can be autoclaved as well. Nose cone can be autoclaved with together them.

NT-2   NT-10   NT-20

NT-100   NT-200   NT-1000   NT-5000

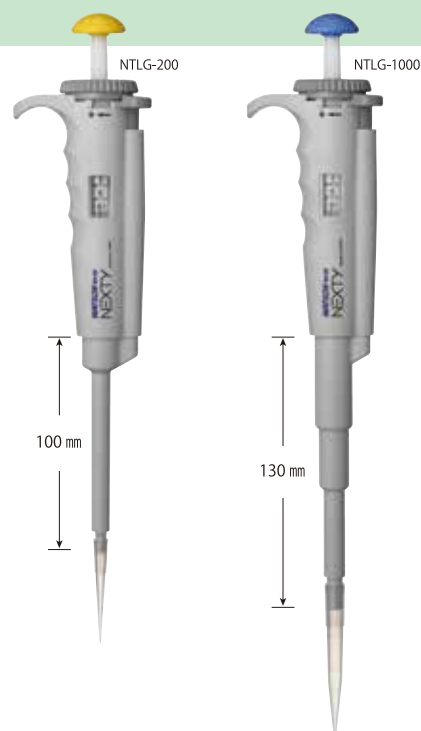| Cat. No.	Item	Minimal scale	Volume	Accuracy	Precision	Compatible tip	Packaging
NT-2	NEXTY-2 Single Channel pipette 0.2 ～ 2 μL	0.001 μL	0.2 μL	≦± 15.0%	≦ 8.0%	**204** / 207	1 unit
			2 μL	≦± 2.5%	≦ 1.0%		
NT-10	NEXTY-10 Single Channel pipette 1 ～ 10 μL	0.01 μL	1 μL	≦± 5.0%	≦ 2.5%	204 / **207**	1 unit
			10 μL	≦± 1.0%	≦ 0.5%		
NT-20	NEXTY-20 Single Channel pipette 2 ～ 20 μL	0.01 μL	2 μL	≦± 6.0%	≦ 3.0%	**705** / 703 / 503	1 unit
			20 μL	≦± 1.0%	≦ 0.5%		
NT-100	NEXTY-100 Single Channel pipette 10 ～ 100 μL	0.1 μL	10 μL	≦± 2.0%	≦ 1.0%	**705** / 703 / 503 / 505 / 801	1 unit
			100 μL	≦± 0.8%	≦ 0.3%		
NT-200	NEXTY-200 Single Channel pipette 20 ～ 200 μL	0.1 μL	20 μL	≦± 2.0%	≦ 1.0%	**705** / 703 / 503 / 505 / 801	1 unit
			200 μL	≦± 0.8%	≦ 0.3%		
NT-1000	NEXTY-1000 Single Channel pipette 100 ～ 1000 μL	1 μL	100 μL	≦± 2.0%	≦ 0.6%	502 / **706** / 804 / 806 / 805	1 unit
			1000 μL	≦± 0.8%	≦ 0.3%		
NT-5000	NEXTY-5000 Single Channel pipette 500 ～ 5000 μL	5 μL	500 μL	≦± 2.0%	≦ 0.6%	**401**	1 unit
			5000 μL	≦± 0.8%	≦0.3%		

Note: Each pipette is calibrated with a tip in bold letter shown above. Other tips if used may cause a slight deviation in performance.

Pipette / Dispenser

NEXTY Single Channel Pipettes LONG NOZZLE

You can use easily for long test tubes!!
Useful long nozzle type.

Triple-Speed Turbo Dial   **Mushroom-shaped Push Button**

- Lock lever
- Color-coaded
- Digital indicator
- Autoclavable bottom parts

AC Autoclavable Bottom Parts

NTLG-200   NTLG-1000

100 mm   130 mm

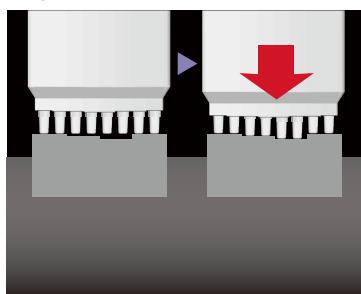| Cat. No.	Item	Minimal scale	Volume	Accuracy	Precision	Compatible tip	Packaging
NTLG-200	NEXTY Single Channel pipette LONG NOZZLE 20 ～ 200 μL	0.1 μL	20 μL	≦± 2.0%	≦ 1.0%	**705** / 703 / 503 / 505 / 801	1 unit
			200 μL	≦± 0.8%	≦ 0.3%		
NTLG-1000	NEXTY Single Channel pipette LONG NOZZLE 100 ～ 1000 μL	1 μL	100 μL	≦± 2.0%	≦ 0.6%	502 / **706** / 804 / 806 / 805	1 unit
			1000 μL	≦± 0.8%	≦ 0.3%		

Note: Each pipette is calibrated with a tip in bold letter shown above. Other tips if used may cause a slight deviation in performance.

NEXTY Multi Channel Pipettes

Triple-Speed Turbo Dial   **Mushroom-shaped Push Button**

- Lock lever
- Color-coaded
- Digital indicator

Eight-channel multi-suspension system

NT-810   NT-8200

Eight lanes are respectively equipped with independent suspension to ensure accurate tip insertion.

Cat. No.	Item	Minimal scale	Volume	Accuracy	Precision	Compatible tip	Packaging
NT-810	NEXTY 8 Multi Channel pipette 1 ～ 10 μL	0.01 μL	1 μL	≦± 8.0%	≦ 5.0%	**207** / 204	1 unit
			10 μL	≦± 2.0%	≦ 1.0%		
NT-8200	NEXTY 8 Multi Channel pipette 20 ～ 200 μL	0.1 μL	20 μL	≦± 8.0%	≦ 1.0%	**705** / 703 / 503 / 505 / 801	1 unit
			200 μL	≦± 1.0%	≦ 0.5%		

Note: Each pipette is calibrated with a tip in bold letter shown above. Other tips if used may cause a slight deviation in performance.

NEXTY Fixed Volume Pipettes

NEXTY Fixed Volume Pipettes

The sample volume can be customized upon request.

NT-F10 NT-F20 NT-F100

NT-F200 NT-F1000 NT-F5000

Mushroom-shaped
Push Button

AC
Autoclavable
Bottom Parts

- Color-coaded
- Autoclavable bottom parts

Eject button
The unique design of our eject button provides easy and comfortable ejecting and dispensing.

Smooth & Steady stroke
Our NEXTY series of pipette passing half a million repetitive stroke tests, always have a smooth and precise stroke by adopting stable spring system and PBT internal plunger which is highly resistant to chemicals.

Volume Change Tool Kit

for NEXTY Fixed Volume Pipette

The pipette can be customized as an "original fixed pipette" by setting the desired capacity.

200 150 150
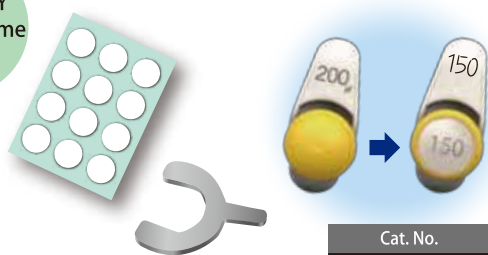
A video showing the procedure is available on our website.

watsonbiolab vol-change   Search

Cat. No.	Item	Unit
NT-FVC	Volume Change Tool Kit	1 unit

Cat. No.	Item	Volume	Accuracy	Precision	Compatible tip	Packaging
NT-F10	NEXTY-F10 fixed volume pipette 10 μL	10 μL	$\leqq \pm$ 1.0%	$\leqq$ 0.5%	204 / 207	1 unit
NT-F20	NEXTY-F20 fixed volume pipette 20 μL	20 μL	$\leqq \pm$ 1.0%	$\leqq$ 0.5%	703 / 705	1 unit
NT-F100	NEXTY-F100 fixed volume pipette 100 μL	100 μL	$\leqq \pm$ 0.8%	$\leqq$ 0.3%	703 / 705	1 unit
NT-F200	NEXTY-F200 fixed volume pipette 200 μL	200 μL	$\leqq \pm$ 0.8%	$\leqq$ 0.3%	703 / 705	1 unit
NT-F1000	NEXTY-F1000 fixed volume pipette 1000 μL	1000 μL	$\leqq \pm$ 0.8%	$\leqq$ 0.3%	706 / 804	1 unit
NT-F5000	NEXTY-F5000 fixed volume pipette 5000 μL	5000 μL	$\leqq \pm$ 0.8%	$\leqq$ 0.3%	401	1 unit

NEXTY Pipette stand

Pipette Carrousel Stand for NEXTY series.

Pipette stand combining functionality and excellent design.

This pipette stand is compatible with some pipettes from other manufacturers.

＊The product package does not include pipettes.

330 mm

Φ200 mm

Easy to hold

Head is mushroom-shaped and it is easy to carry.

Easy to hang

The holder designed with the best angle has achieved the ease of hooking pipette and secure holding.

Smooth rotation

Holder joint moves smoothly and revolves without frustration.

Compact

It is space-saving 6 -holder carrousel stand. It is compact and stable.
*The product package does not include pipettes.

Cat. No.	Item	Packaging
NT-STD	NEXTY Pipette Carrousel Stand	1 unit

Repetitive Pipette Peggy

No electric power required at all!

Aspirate the sample all at once, dispense its necessary volume repetitively.
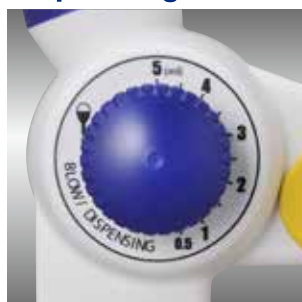
Setting aspiration volume
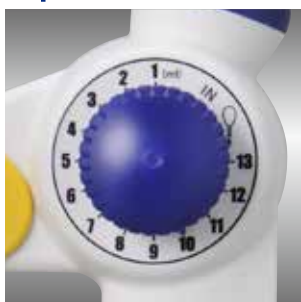
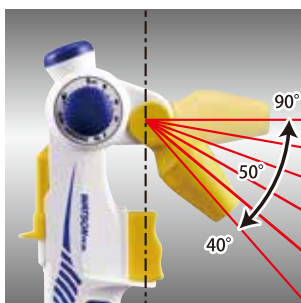Aspiration can be set in every 1 mL for setting range 1 mL ～13 mL.
Note: 13 mL can be dispensed in case that Watson 10 mL Disposable Pipette is used.
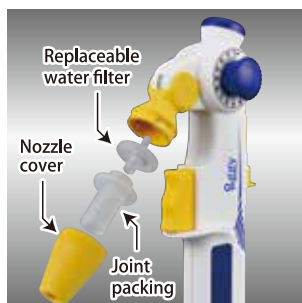
Setting dispensing volume

Dispensing can be set in every 0.5 mL for setting range 0.5 mL ～5 mL.

Flexible nozzle-angle

90°
50°
40°

Adjustable nozzle angle in every 10 degrees up to 50 degrees.

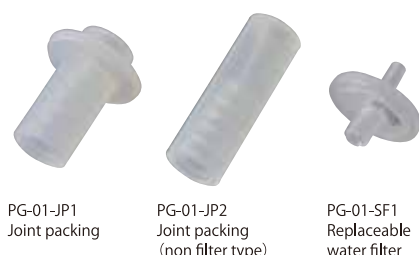### Simple maintenance

Replaceable water filter
Nozzle cover
Joint packing

Easy to remove & set spare parts
-Nozzle cover: Autoclavable
-Joint packing: Autoclavable
-Water filter: Replaceable

Dispensing volume setting dial

Aspiration button

Cat. No.	Item	Aspiration Volume max.	min.	Dispensing Volume max.	min.	Packaging
PG-01	PEGGY-01 Repetitive Pipette "Peggy"	13 mL	1 mL	5 mL	0.5 mL	1 unit/box

Consumables for Peggy
Joint packing is autoclavable.

Cat. No.	Item	Packaging
PG-01-JP1	Joint packing for Peggy	1 piece/bag
PG-01-JP2	Joint packing for Peggy（non filter type）	1 piece/bag
PG-01-SF1	Replaceable water filter for Peggy	5 pieces/bag

PG-01-JP1
Joint packing

PG-01-JP2
Joint packing
（non filter type）

PG-01-SF1
Replaceable
water filter

Aspiration

1 Set the aspiration volume using the aspiration-volume-setting dial.
Note: DO NOT set volume exceeding the volume of disposable pipette.

2 Attach the Disposable Pipette to the Peggy nozzle.

3
Point
Hold the Peggy vertically

Aspiration button

Push the aspiration button slowly to aspirate the sample. After aspiration, slowly lift the Peggy out of the test tube.

Dispensing

1 Set the dispensing volume using the dispensing-volume-setting dial.

2
Dispensing button

Point
Make sure that the dispensing button returns all the way to the top after dispensing

Point
Hold the Peggy vertically

Push the dispensing button one by one. Hold down the dispensing button until the solution no longer comes out of the tip.
Each time the button is pushed, the set volume is dispensed.

1 mL 1 mL 1 mL 1 mL

Dispensing volume can be changed for each dispensing.

0.5 mL 1 mL 1.5 mL

Aspiration volume setting dial

Dispensing button

for 10 mL 5 mL pipette

Precaution in case of using 5 mL disposable pipette:
Please DO NOT set aspiration volume exceeding 5 mL in case that 5 mL disposable pipette is used.
It may cause an accidental liquid suction leading to malfunction on Peggy.

*Specifications are subject to change for further improvement without prior notice.

Operational panel

Nozzle

Aspiration button
Dispensing button

Battery case

Catch bottle

*Specifications are subject to change for further improvement without prior notice.

Variable nozzle angle

The angle of the Black Bird nozzle is adjustable. Easy to operate on a clean bench with limited handling space, etc.

Three-mode available

Black Bird has aspiration/dispensing mode, continuous dispensing mode, and continuous aspiration mode.
Note: Operator needs to change into the metal nozzle before changing mode from aspiration/dispensing to continuous dispensing or continuous aspiration.

Easy to operate

The aspiration/dispensing volume of Black Bird can be easily set on the operation panel.
Volumes can be set in every 0.2 mL. Frequently-used settings can be preset and reproduced.

Double power supply drive

Either an AC adapter or a battery (AA cell) is available as power supply in Black Bird.
(Battery visible alarm equipped.)

AC adapter
[Type A]

[input] AC 100V～240V/50Hz~60Hz
        300mA
[output] DC 5V 2A

An electrical current adapter

B   BF   B3

C   SE   O

*Please choose from these adapter at the time of an order.

Content

Black Bird

Metallic Nozzle
（BB-NA）

Silicon tub
（BB-ST50）

Joint packing for using measuring pipette
（BB-JP）

Catch bottle
（BB-CB）

AC adapter
* An electrical current adapter as accessory

Catch bottle cap
（BB-CAP）

Tube pump
（BB-PR）

Parts for Black Bird

Cat. No.	Item	Packaging
BB-CB	Catch bottle	1 piece
BB-CAP	Catch bottle cap (with Silicon tube, outside diameter: 4 mm)	1 piece
BB-NA	Metallic Nozzle	1 piece
BB-JP	Joint packing for using measuring pipette	1 piece
BB-ST50	Silicon tube (outside diameter: 3 mm, length:50 cm)	1 piece
BB-PR	Tube pump (with PharMed®Tube, Tube adapter, mini connecter)	1 piece