

Something Different.

WATSON® BIO LAB
MADE IN JAPAN SINCE 1988



Apical
Your Research is Our Business

Tubes



Micro Tubes



The Ultimate Micro Tube

[1.5 mL]

Material:virgin polypropylene (autoclavable)
Centrifugal force:
22,500 xG (physiological saline 1 mL/15 minutes)
With scale (500 / 1000 / 1500 μ L)
Flat top (with marking space)
RNase/DNase/Human-DNA free

[2.0 mL]

Material:virgin polypropylene (autoclavable)
Centrifugal force:
20,000 xG (physiological saline 1.5 mL/15 minutes)
With scale (500 / 1000 / 1500 / 2000 μ L)
Flat top (with marking space)
RNase/DNase/Human-DNA free



Locking mechanism
Safety lock system is equipped.
Hard type and soft type are available.



Friendly hinge for finger
Rounded and embossed cap-edge
reduces irritation to the finger, and
makes it easier to close the cap.



Scale
The volume is easily recognized with
the scale for each 0.5 mL described on
the tube.



Unique shape of cap
Easy opening cap with less force. Flat
cap allows marking on the top.



Writing space
Writing space is available on the
surface of tube (opposite side from
the scale side).



Contamination prevention
Lock part prevents the thumb from
touching the inner cap when opening
and closing.



131-7155C

1.5 mL



132-602C

2.0 mL

Cat. No.	Item	Color	Unit	Case	Unit Price	Case Price
131-7155C*	1.5ml, Microtube with Locking-Cap, Round Bottom, Soft-Touch	Natural	1000tubes/bag	10bags/case	RM 82	RM 683
132-620C*	2.0ml, Microtube with Locking-Cap, Round Bottom	Natural	1000tubes/bag	5bags/case	RM 145	RM 606



233-150C

Round Bottom "Mega" Tube



Material:virgin polypropylene (autoclavable)
Centrifugal force:
20,000 xG (physiological saline 5 mL/40 minutes)
With scale(1.0 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5 / 4.0 / 4.5 / 5.0 mL)
Flat top (with marking space)
RNase/DNase/Human-DNA free



Writing Space

Marking space available
opposite the scale.



Scale



130-806C

Round Bottom Standard Micro Tube



Material:virgin polypropylene (autoclavable)
Centrifugal force:
20,000 xG (physiological saline 0.5 mL/15 minutes)
With scale(100 / 200 / 300 / 400 / 500 / 600 μ L)
Flat top (with marking space)
RNase/DNase/Human-DNA free



Scale



Writing Space

Marking space available
opposite the scale.

Cat. No.	Item	Color	Unit	Case	Unit Price	Case Price
233-150C*	5.0ml, Megatube, Round Bottom	Natural	250tubes/bag	10bags/case	RM 276	RM 2303
130-806C*	0.6ml, Microtube, Round Bottom, Snap Cap	Natural	1000tubes/bag	10bags/case	RM 127	RM 1050



We issue nuclease-free certification.

Watson branded products with this mark are RNase/DNase/Human-DNA free. These products are manufactured in the clean room under our high quality control, and inspected according to our strict quality standard. RNase/DNase-free certificate will be issued for each lot with your request.

*To enquire on "Unit" packing size, kindly indicate "-S" after the Cat. No. (e.g. 110-204C-S)

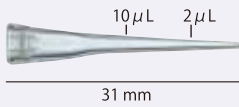
Pipette Tips

Pipette Tips

Empty Racks

204
10 μ L

10 μ L, Short Tip



Pipette tip compatibility

- Watson NEXTY 0.2-2 μ L / 1-10 μ L (Multi) / 10 μ L (Fixed volume)
- Eppendorf Reference/Research V 0.1-2.5 μ L / 0.5-10 μ L (Multi) • Gilson Pipetman P-2 / P-10
- Finnpiptette Digital 0.2-2.0 μ L / 0.5-10 μ L (Multi) • Biohit Proline 0.5-10 μ L (Multi)
- Nichiryo Nichipet EX 0.1-2 μ L / 0.5-10 μ L (Multi) • A&D MPA-10 / MPA-20

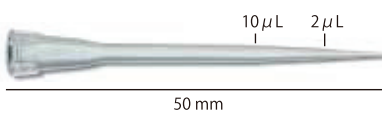


*: see below

Cat.No.	Item	Packaging	Unit	Case	Unit Price	Case Price
110-204C*	10ul, Short, Graduated, Natural	Bulk	1000tips	20units	RM 52	RM 819

207
10 μ L

10 μ L, 50 mm, Long Tip



Pipette tip compatibility

- Watson NEXTY 0.2-2 μ L / 1-10 μ L (Multi) / 10 μ L (Fixed volume) • Eppendorf Reference 2-20 μ L (Gray)
- Eppendorf Research V 0.1-2.5 μ L / 0.5-10 μ L (Multi) • Gilson Pipetman P-2 / P-10
- Finnpiptette Digital 0.2-2.0 μ L / 0.5-10 μ L (Multi) • Biohit Proline 0.1-2.5 μ L / 0.5-10 μ L (Multi)
- Nichiryo Nichipet EX 0.1-2 μ L / 0.5-10 μ L (Multi) • A&D MPA-10 / MPA-20

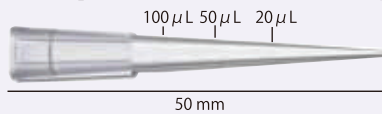


*: see below

Cat.No.	Item	Packaging	Unit	Case	Unit Price	Case Price
110-207C*	10ul, Long, Graduated, Natural	Bulk	1000tips	20units	RM 52	RM 819

705
200 μ L

200 μ L, Standard Tip



Super-thin formed tip point enables complete liquid discharge.

Pipette tip compatibility

- Watson NEXTY 2-20 μ L / 10-100 μ L / 20-200 μ L (Multi) / 20 μ L • 100 μ L • 200 μ L (Fixed volume)
- Eppendorf Reference/Research V 2-20 μ L / 10-100 μ L (Multi) / 50(20)-200 μ L
- Gilson Pipetman P-20 / P-100 / P-200 • Finnpiptette Digital 2-20 μ L / 5-50 μ L (Multi) / 10-100 μ L / 20-200 μ L
- Biohit Proline 2-20 μ L / 5-50 μ L (Multi) / 10-100 μ L / 20-200 μ L
- Nichiryo Nichipet EX 2-20 μ L / 10-100 μ L / 20-200 μ L / 5-50 μ L (Multi) / 40-200 μ L (Multi) • A&D MPA-200

Note: (*) ECO PACK and NEXTY PACK are autoclavable after setting into tip rack.

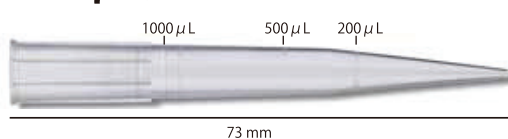


*: see below

Cat.No.	Item	Packaging	Unit	Case	Unit Price	Case Price
110-705C	200ul, Graduated, Natural	Bulk	1000tips	10units	RM 45	RM 359

706
1000 μ L

1000 μ L, Thin wall Soft fitting Tip



Pipette tip compatibility

- Watson NEXTY 100-1000 μ L / 1000 μ L (Fixed volume)
- Eppendorf Reference/Research V 50-250 μ L (4910) / 100-1000 μ L • Gilson Pipetman P-1000
- Finnpiptette Digital 100-1000 μ L • Biohit Proline 100-1000 μ L • Nichiryo Nichipet EX 100-1000 μ L • A&D MPA-1200

Note: (*) Refill plate type is autoclavable after setting into tip rack.



*: see below

Cat.No.	Item	Packaging	Unit	Case	Unit Price	Case Price
110-706C	1,000ul, Graduated, Natural	Bulk	1000tips	10units	RM 64	RM 512

*To enquire on "Unit" packing size, kindly indicate "-S" after the Cat. No. (eg. 110-204C-S)

Filter Tips

Hyper Filter Tips

Filter Tips

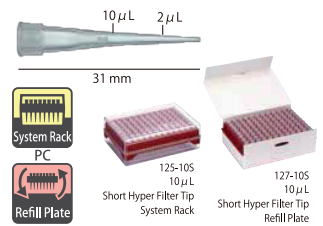
10 μ L

10 μ L, Short Hyper Filter Tip

Cat. No.	Item	Packaging	Unit	Case	Unit Price	Case Price
125-10S	10 μ L, Short "Hyper" Filter Tip, Graduated Sterilized	System Rack(PC)	96 tips \times 10 racks	5 units	RM 320	RM 1280
127-10S	10 μ L, Short "Hyper" Filter Tip, Graduated Sterilized	Refill Plated	96 tips \times 10 plates	5 units	RM 236	RM 981

Pipette tip compatibility

- Watson NEXTY 0.2-2 μ L / 1-10 μ L (Multi) / 10 μ L (Fixed volume)
- Eppendorf Reference/Research V 0.5-10 μ L (Multi)
- Biohit Proline 0.1-2.5 μ L / 0.5-10 μ L (Multi)
- A&D MPA-10 / MPA-20
- Gilson Pipetman P-2 / P-10
- Finnpiptette Digital 0.2-2.0 μ L / 0.5-10 μ L (Multi)
- Nichiryo Nichipet EX 0.1-2 μ L / 0.5-10 μ L (Multi)



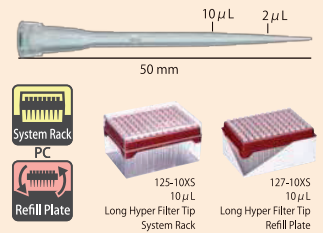
10 μ L

10 μ L, Long Hyper Filter Tip

Cat. No.	Item	Packaging	Unit	Case	Unit Price	Case Price
125-10XS	10 μ L, Long "Hyper" Filter Tip, Graduated Sterilized	System Rack(PC)	96 tips \times 10 racks	5 units	RM 320	RM 1280
127-10XS	10 μ L, Long "Hyper" Filter Tip, Graduated Sterilized	Refill Plated	96 tips \times 10 plates	5 units	RM 236	RM 981

Pipette tip compatibility

- Watson NEXTY 0.2-2 μ L / 1-10 μ L (Multi) / 10 μ L (Fixed volume)
- Eppendorf Reference/Research V 0.5-10 μ L (Multi)
- Biohit Proline 0.1-2.5 μ L / 0.5-10 μ L (Multi)
- A&D MPA-10 / MPA-20
- Eppendorf Reference/Research V 2-20 μ L (Multi)
- Gilson Pipetman P-2 / P-10
- Finnpiptette Digital 0.2-2.0 μ L / 0.5-10 μ L (Multi)
- Nichiryo Nichipet EX 0.1-2 μ L / 0.5-10 μ L (Multi)



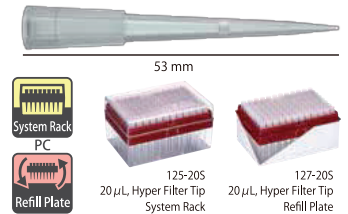
20 μ L

20 μ L, Hyper Filter Tip

Cat. No.	Item	Packaging	Unit	Case	Unit Price	Case Price
125-20S	20 μ L, "Hyper" Filter Tip Sterilized	System Rack(PC)	96 tips \times 10 racks	5 units	RM 320	RM 1280
127-20S	20 μ L, "Hyper" Filter Tip Sterilized	Refill Plated	96 tips \times 10 plates	5 units	RM 236	RM 981

Pipette tip compatibility

- Watson NEXTY 2-20 μ L / 20 μ L (Fixed volume)
- Eppendorf Reference/Research V 2-20 μ L (Yellow Button)
- Gilson Pipetman P-20
- Finnpiptette Digital 2-20 μ L
- Biohit Proline 2-20 μ L
- Nichiryo Nichipet EX 2-20 μ L
- A&D MPA-200



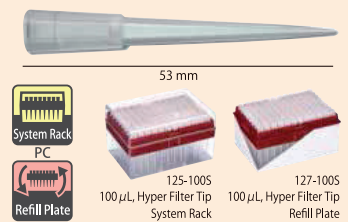
100 μ L

100 μ L, Hyper Filter Tip

Cat. No.	Item	Packaging	Unit	Case	Unit Price	Case Price
125-100S	100 μ L, "Hyper" Filter Tip Sterilized	System Rack(PC)	96 tips \times 10 racks	5 units	RM 320	RM 1280
127-100S	100 μ L, "Hyper" Filter Tip Sterilized	Refill Plated	96 tips \times 10 plates	5 units	RM 236	RM 981

Pipette tip compatibility

- Watson NEXTY 10-100 μ L / 100 μ L (Fixed volume)
- Eppendorf Reference/Research V 10-100 μ L (Multi)
- Gilson Pipetman P-100
- Finnpiptette Digital 5-50 μ L (Multi) / 10-100 μ L
- Biohit Proline 5-50 μ L (Multi) / 10-100 μ L
- Nichiryo Nichipet EX 10-100 μ L
- A&D MPA-200



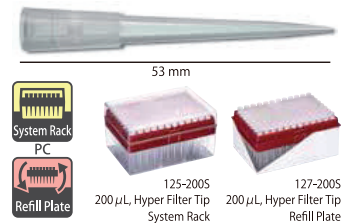
200 μ L

200 μ L, Hyper Filter Tip

Cat. No.	Item	Packaging	Unit	Case	Unit Price	Case Price
125-200S	200 μ L, "Hyper" Filter Tip, Graduated Sterilized	System Rack(PC)	96 tips \times 10 racks	5 units	RM 320	RM 1280
127-200S	200 μ L, "Hyper" Filter Tip, Graduated Sterilized	Refill Plated	96 tips \times 10 plates	5 units	RM 236	RM 981

Pipette tip compatibility

- Watson NEXTY 20-200 μ L (Multi) / 200 μ L (Fixed volume)
- Eppendorf Reference/Research V 50(20)-200 μ L
- Gilson Pipetman P-200
- Finnpiptette Digital 20-200 μ L
- Biohit Proline 20-200 μ L
- A&D MPA-200



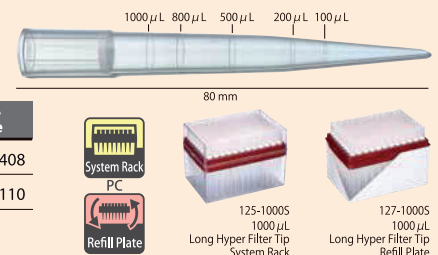
1000 μ L

1000 μ L, Long Hyper Filter Tip

Cat. No.	Item	Packaging	Unit	Case	Unit Price	Case Price
125-1000S	1000 μ L, Long "Hyper" Filter Tip, Graduated Sterilized	System Rack(PC)	96 tips \times 10 racks	5 units	RM 338	RM1408
127-1000S	1000 μ L, Long "Hyper" Filter Tip, Graduated Sterilized	Refill Plated	96 tips \times 10 plates	5 units	RM 267	RM1110

Pipette tip compatibility

- Watson NEXTY 100-1000 μ L / 1000 μ L (Fixed volume)
- Eppendorf Reference/Research V 100-1000 μ L
- Gilson Pipetman P-1000
- Finnpiptette Digital 100-1000 μ L
- Biohit Proline 100-1000 μ L
- Nichiryo Nichipet 100-1000 μ L
- A&D MPA-1200



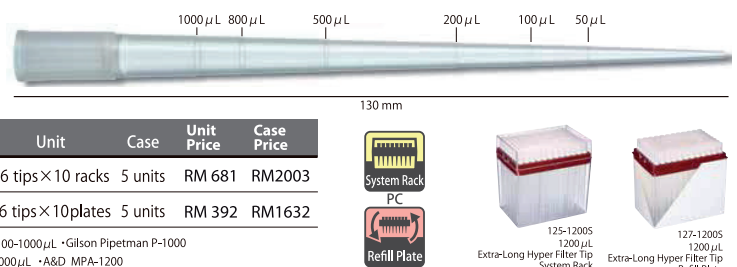
1200 μ L

1200 μ L, Extra-Long Hyper Filter Tip

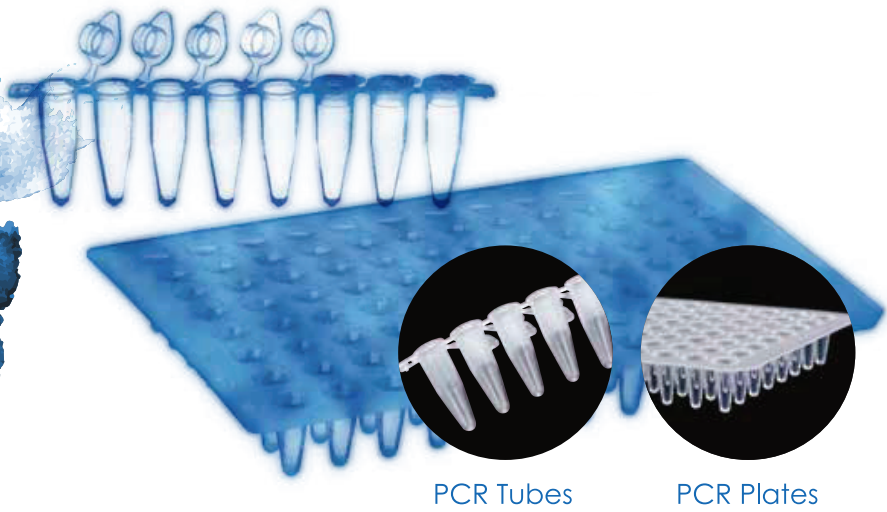
Cat. No.	Item	Packaging	Unit	Case	Unit Price	Case Price
125-1200S	1200 μ L, Extra Long "Hyper" Filter Tip, Graduated Sterilized	System Rack(PC)	96 tips \times 10 racks	5 units	RM 681	RM2003
127-1200S	1200 μ L, Extra Long "Hyper" Filter Tip, Graduated Sterilized	Refill Plated	96 tips \times 10 plates	5 units	RM 392	RM1632

Pipette tip compatibility

- Watson NEXTY 100-1000 μ L / 1000 μ L (Fixed volume)
- Eppendorf Reference/Research V 100-1000 μ L
- Gilson Pipetman P-1000
- Finnpiptette Digital 100-1000 μ L
- Biohit Proline 100-1000 μ L
- Nichiryo Nichipet EX 100-1000 μ L
- A&D MPA-1200



PCR Products



PCR Tubes

PCR Plates

0.1 mL 96 well PCR Plates

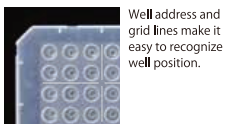
0.1 mL
Half-Skirt
Half skirt type for a wide range of application.



RNase / DNase / Human-DNA free



Virgin polypropylene is used (autoclavable).



Well address and grid lines make it easy to recognize well position.



Each well wall is molded thin evenly and rough-textured.

Applicable model PCR

Applied Biosystems	Veriti
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RT-PCR

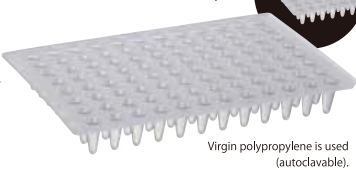
Applied Biosystems	StepOnePlus
	7500Fast
	7900HT
	ViiA 7
	QuantStudio 7Flex
	QuantStudio 12KFlex

Cat. No.	Item	Unit	Unit Price
137-675C	0.1 mL, 96 well PCR Plate, Half Skirted, Natural	300 plates	RM 2,400

0.1 mL
Non-Skirt
Non skirt type, for free cutting to any size.

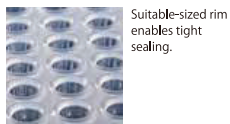


RNase / DNase / Human-DNA free

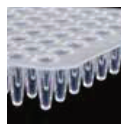


This product can be cut into half to be used as 48 well plate.

Virgin polypropylene is used (autoclavable).



Suitable-sized rim enables tight sealing.



Crystal-transparent well wall that is molded thin evenly.

Applicable model PCR

BioRad	DNA Engine
	C1000-T
	S1000
	MJ Mini (48well) ★

RT-PCR

BioRad	Chromo 4
	DNA Engine Opticon 2
	CFX96 Touch
	Mini Opticon (48 well) ★
Applied Biosystems	StepOne (48 well) ★

★ This item can be cut into halves for use.

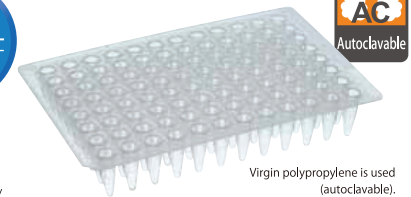
Cat. No.	Item	Unit	Unit Price
137-674C	0.1 mL, 96 well PCR Plate, Non Skirted, Natural	300 plates	RM 2,400

0.2 mL 96 well PCR Plate

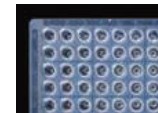
0.2 mL
Non-Skirt



RNase / DNase / Human-DNA free



Virgin polypropylene is used (autoclavable).



-The demarcation line is precasted. -It is possible to cut it with scissors easily.



-The well is made thin-walled and uniformly. -Excellent thermal conductivity leads efficient PCR.

Applicable model

Sequencer

Applied Biosystems	Prism 3100
	Prism 3700
MJ Research	Transgenomic Wave

* Please check with the actual sample if our PCR plates can be used after referring to this acceptable table.

Real Time PCR Thermal Cycler

Applied Biosystems	Prism 7000
	Prism 7300
	Prism 7500
	Prism 7700
BioRad	MyiQ
	iQ5
	Chromo4
Stratagene	Mx4000

Note: PCR is a registered trade mark of F. Hoffmann-La Roche, Ltd.

Cat. No.	Item	Unit	Unit Price
137-174C	0.2 mL, 96 well PCR Plate, Non Skirted, Natural	250 plates	RM 1,000

0.2 mL
Single
0.2 mL Single Tubes



- Side wall is molded uniformly thin, which enables PCR with superior heat conductivity.
- The cap has high sealing property and prevents evaporation of the sample.
- Virgin polypropylene is used (autoclavable).
- Flat cap is writable.



137-211C-S



Writing space

Cat. No.	Item	Unit	Unit Price
137-211C-S	0.2 mL, PCR Tube with Flat Cap, Natural	1000 tubes	RM 96

0.2 mL
8 Strip
8 strip PCR Tubes (with cap)



The cap has high sealing property and prevents contamination and evaporation of the sample.



137-231C-S

Cat. No.	Item	Unit	Unit Price
137-231C-S	0.2 mL, 8-strip PCR Tube with attached individual Flat Cap, Natural	120 strips	RM 317

0.2 mL
8 Strip
8 strip PCR Tubes / Caps



- Side wall is molded uniformly thin, which enables PCR with superior heat conductivity.
- Each strip can be cut off by scissors etc.
- Virgin polypropylene is used (autoclavable).

137-431C-S

The flat top, carrying smooth and superior in optical transparency, is the most suitable for Real Time PCR.



137-333C-S



Tubes are chained with double link for prevention of breaking the link apart.



Alphabets are molded on the side.

Cat. No.	Item	Unit	Unit Price
137-333C-S	0.2 mL, 8-strips PCR Tube, Natural, tube only	120 strips	RM 148
137-431C-S	8-strip PCR Tube Cap with Flat Top, Natural	120 strips	RM 154