

# Hyper Filter Tips

## Hyper filter prevents liquid overflow!

Watson's "Hyper-Filter tip" adopts a special hydrophobic porous filter to prevent overflow caused by human errors.

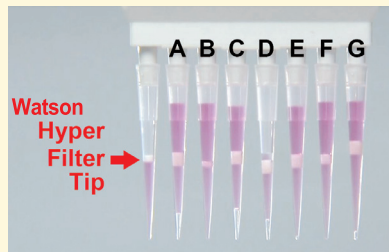
Hyper Filter fits and seals tightly

### Features of Hyper-Filter

#### 1. Decreasing elution from the filter

Hyper-Filter has excellent chemical resistance, thus the sample which has been erroneously over-aspirated and touched the filter can be re-used in safety.

#### 2. Stop sample overflow and contamination



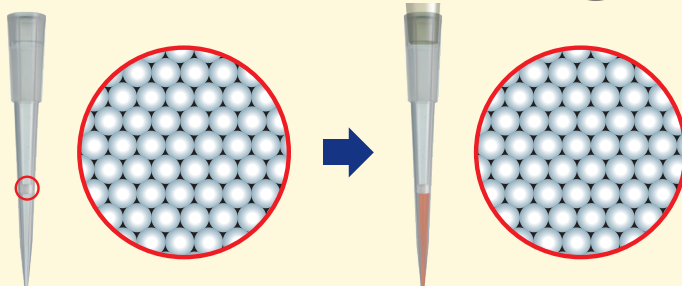
In a comparison of Watson's Hyper-Filter Tips with other brands (when aspirating 60  $\mu$ L with 20  $\mu$ L filter tip), Watson brand Hyper-Filter tip completely prevents the sample overflow due to our highly dense filter in one minute after the solution has been absorbed.

#### 3. Easy sample collection

The sample can be collected after aspirating the sample right up to the filter and dispensing. The particles of filter do not swell with the solution and block the filter.



#### Watson HYPER-FILTER



Conventional Hyper Filter particles, once the sample touched the filter, expand and block in the holes of the filter to prevent overflow. These samples cannot be collected once dispensed.

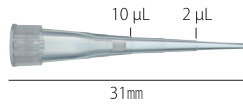
**Hyper-Filter can stop the liquid firmly but don't close the hole completely when it comes into contact with the sample excessively aspirated.**

Hyper-Filter is dense enough to prevent overflow, however maintains the holes in the filter.



Full size

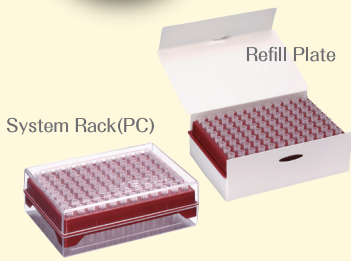
Graduated



**Pipette tip compatibility**

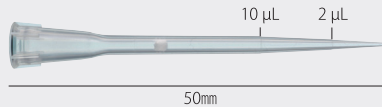
- Watson NEXTY/NEXTY-S 0.2-2 µL/1-10 µL(Multi)/10 µL(Fixed volume)
- Eppendorf Reference/ResearchV 0.1-2.5 µL/0.5-10 µL(Multi)
- Gilson Pipetman P2/P10
- Finnpiquette Digital 0.2-2.0 µL/0.5-10 µL(Multi)
- Biohit Proline 0.5-10 µL(Multi)
- Nichiryo Nichipet EX 0.1-2 µL/0.5-10 µL(Multi)
- A&D MPA-10/MPA-20

Cat.No.	Item	Packaging	Unit	Case
125-10S	10 µL, Short Hyper Filter Tip, Graduated	System Rack(PC)	Sterilized	96tipsX10racks 5units
127-10S	10 µL, Short Hyper Filter Tip, Graduated	Refill Plate	Sterilized	96tipsX10plates 5units



Full size

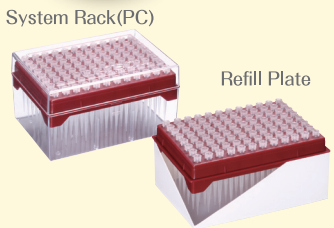
Graduated



**Pipette tip compatibility**

- Watson NEXTY/NEXTY-S 0.2-2 µL/1-10 µL(Multi)/10 µL(Fixed volume)
- Eppendorf Reference/ResearchV 0.5-10 µL(M)
- Eppen Reference 2-20 µL(Gray Button)
- Finnpiquette Digital 0.2-2.0 µL/0.5-10 µL(Multi)
- Nichiryo Nichipet EX 0.1-2 µL/0.5-10 µL(Multi)
- Gilson Pipetman P-2/P-10
- Biohit Proline 0.1-2.5 µL/0.5-10 µL(Multi)
- A&D MPA-10/MPA-20

Cat.No.	Item	Packaging	Unit	Case
125-10XS	10 µL, Long Hyper Filter Tip, Graduated	System Rack(PC)	Sterilized	96tipsX10racks 5units
127-10XS	10 µL, Long Hyper Filter Tip, Graduated	Refill Plate	Sterilized	96tipsX10plates 5units



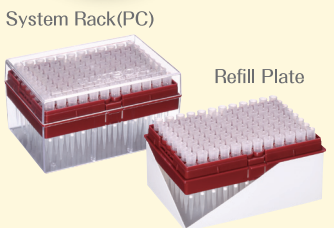
Full size



**Pipette tip compatibility**

- Watson NEXTY/NEXTY-S 2-20 µL/20 µL(Fixed volume)
- Eppendorf Reference/ResearchV 2-20 µL(Yellow Button)
- Gilson Pipetman P20
- Finnpiquette Digital 2-20 µL
- Biohit Proline 2-20 µL
- A&D MPA-200

Cat.No.	Item	Packaging	Unit	Case
125-20S	20 µL, Hyper Filter Tip	System Rack(PC)	Sterilized	96tipsX10racks 5units
127-20S	20 µL, Hyper Filter Tip	Refill Plate	Sterilized	96tipsX10plates 5units



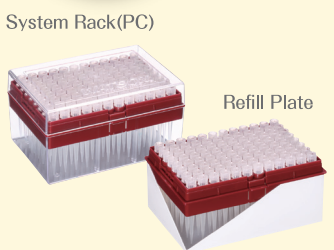
Full size



**Pipette tip compatibility**

- Watson NEXTY/NEXTY-S 10-100 µL/100 µL(Fixed volume)
- Eppendorf Reference/ResearchV 10-100 µL(Multi)
- Gilson Pipetman P-100
- Biohit Proline 5-50 µL(Multi)/10-100 µL
- Finnpiquette Digital 5-50 µL(Multi)/10-100 µL
- A&D MPA-200

Cat.No.	Item	Packaging	Unit	Case
125-100S	100 µL, Hyper Filter Tip	System Rack(PC)	Sterilized	96tipsX10racks 5units
127-100S	100 µL, Hyper Filter Tip	Refill Plate	Sterilized	96tipsX10plates 5units



**Nuclease-free certificate.**

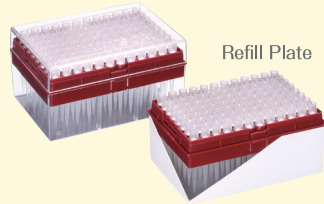
This mark shows RNase/DNase/Human-DNA free. Products with this mark are manufactured in the clean room under our high quality control, and inspected to meet our strict quality standards. RNase/DNase-free certificates can be issued for each lot upon your request.



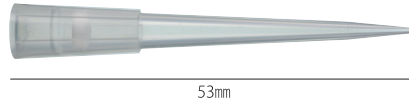
Full size



System Rack(PC)



Refill Plate



53mm

**Pipette tip compatibility**

- Watson NEXTY/NEXTY-S 20-200 µL(Multi)/200 µL(Fixed volume)
- Eppendorf Reference/ResearchV 50(20)-200 µL
- Gilson Pipetman P-200
- Finnpipette Digital 20-200 µL
- Biohit Proline 20-200 µL
- A&D MPA-200

Cat.No.	Item	Packaging	Unit	Case
125-200S	200 µL, Hyper Filter Tip	System Rack(PC)	Sterilized	96tipsX10racks
127-200S	200 µL, Hyper Filter Tip	Refill Plate	Sterilized	96tipsX10plates

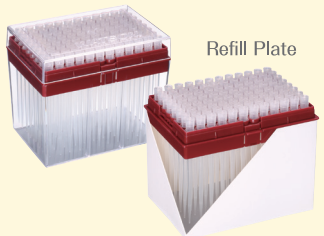


Full size

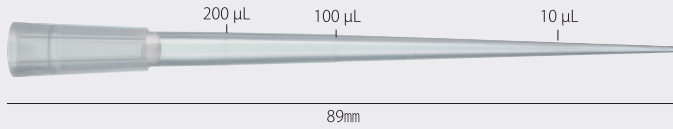
Graduated



System Rack(PC)



Refill Plate



89mm

**Pipette tip compatibility**

- Watson NEXTY/NEXTY-S 20-200 µL(Multi)/200 µL(Fixed volume)
- Eppendorf Reference/ResearchV 20-200 µL
- Gilson Pipetman P-200
- Finnpipette Digital 20-200 µL
- Biohit Proline 20-200 µL
- Nichiryo Nichipet EX 20-200 µL
- A&D MPA-200

Cat.No.	Item	Packaging	Unit	Case
125-200XS	200 µL, Hyper Filter Tip, Graduated	System Rack(PC)	Sterilized	96tipsX10racks
127-200XS	200 µL, Hyper Filter Tip, Graduated	Refill Plate	Sterilized	96tipsX10plates

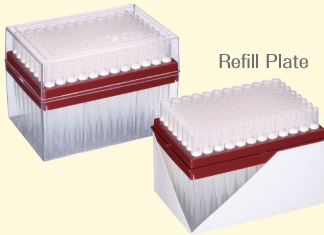


Full size

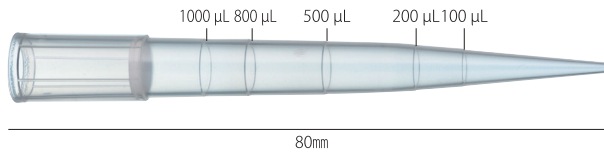
Graduated



System Rack(PC)



Refill Plate



80mm

**Pipette tip compatibility**

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

Cat.No.	Item	Packaging	Unit	Case
125-1000S	1000 µL, Long Hyper Filter Tip, Graduated	System Rack(PC)	Sterilized	96tipsX10racks
127-1000S	1000 µL, Long Hyper Filter Tip, Graduated	Refill Plate	Sterilized	96tipsX10plates

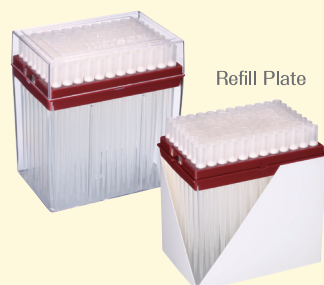


Full size

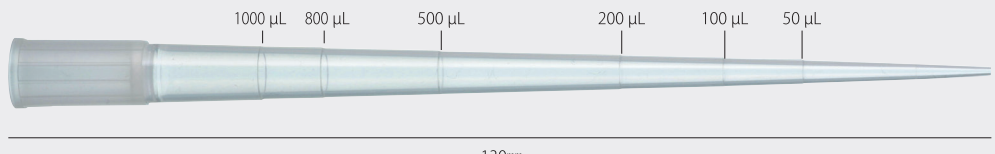
Graduated



System Rack(PC)



Refill Plate



130mm

**Pipette tip compatibility**

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

Cat.No.	Item	Packaging	Unit	Case
125-1200S	1200 µL, Extra-Long Hyper Filter Tip, Graduated	System Rack(PC)	Sterilized	96tipsX10racks
127-1200S	1200 µL, Extra-Long Hyper Filter Tip, Graduated	Refill Plate	Sterilized	96tipsX10plates



**Pyrogen Free**

This mark shows endotoxin level reach 0.05 EU/mL or less when our products were tested using a colorimetric method referred to the Japanese Pharmacopoeia.



## Ecology and economy with refill system

Empty Rack is comprised of rack, plate and cover. (Note: Tips are not included.)

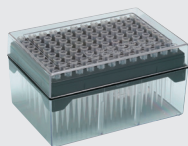
Empty Racks are suitable for bulk tip loading or refill plates.

Cat.No.	Item	Unit	Case
1298-NTS	NEXTY RACK sizeS	1pce.	—
1298-NTM	NEXTY RACK sizeM	1pce.	—
1298-207RA	Empty SystemRack for 207CS / 10XS	10racks	5units
1298-204RA	Empty SystemRack for 204CS / 127-10S	10racks	5units
1298-703RA	Empty SystemRack for 703CS / 20S / 100S / 127-200S	10racks	5units
1298-503RA	Empty SystemRack for 126-200S	10racks	5units
1298-801RA	Empty SystemRack for 801CS / 200XS	10racks	5units
1298-802RA	Empty SystemRack for 1000S	10racks	5units
1298-805RA	Empty SystemRack for 1200S	10racks	5units
1298-401RA	Empty SystemRack for 5000S	1rack	10units



## Features of Watson Tip System

### System Rack(PC)



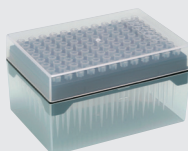
#### Tough & extremely durable

The body and lid, made of polycarbonate(PC), does not lose its shape over time use.

It can also be autoclaved repetitively.

Note: Repeated autoclaving may cause rack damaged.

### System Rack(PP)

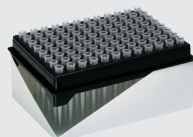


#### Low cost and high chemical resistant

The body and lid, made of Polypropylene(PP) is lightweight, durable, and highly resistant to chemicals and heat. Because of its inexpensive cost compared with System Rack (PC), this System Rack(PP) can be disposed as one time use if used with non-sterilized long tip, or can be reused even after autoclaving if tips are manually refilled.

Note: The rack made of PP shrinks slightly after autoclaving, consequently refill plate cannot be used.

### Refill Plate



#### Easy, Handy, and Eco-Friendly

One-touch replacement for the System Rack.

The paper cover can be recycled.

Note: Use a PC (polycarbonate) rack when refilling tips.



Remove the old plate.



Place the new plate.  
Remove paper skirt.



Refilling tips is complete.

### Nuclease-free certificate.



This mark shows

RNase/DNase/Human-DNA free.

Products with this mark are manufactured in the clean room under our high quality control, and inspected to meet our strict quality standards.

RNase/DNase-free certificates can be issued for each lot upon your request.

Something Different.  
**WATSON** BIO LAB  
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E-mail:  
**tcr@watson.co.jp**

Manufacturer:  
**FUKAEKASEI** CO., LTD.

※ The specification and the price etc. of the product might change without a previous notice.