

WELLS JOHNSON HIGH VOLUME CANISTERS

USER MANUAL

DISASSEMBLY OF HARVESTING CANISTERS

Please follow the instructions provided to disassemble 5L, 3L, 2L, and 1L, 250mL and 500mL harvesting canisters.

1. Unscrew the 3 silver knobs from the top of the canister



2. Remove the 3 silver rods through the bottom of the canister



3. Remove black top from canister and remove silicon tubing from inside the canister



4. Remove inner plug by gently pulling knob



5. Remove 2 orange o-rings from inner plug. To do this, position your thumb and index finger at about 10 o'clock and 2 o'clock on the O-ring. Squeeze your thumb and index finger toward each other until part of the O-ring pops out of place. Use that portion of the O-ring to remove it



6. Remove orange O-ring from black top



7. Remove polycarbonate tube from black bottom



8. Remove orange O-ring from black bottom



CANISTER COMPONENTS AND ITEM NUMBERS

	5L Canister	3L Canister	2L Canister	1L Canister
Rods	# 20-5178-05	# 20-5178-03	# 20-5178-02	# 20-5178-01
Knobs	# 20-5178-00	# 20-5178-00	# 20-5178-00	# 20-5178-00
Tube	# 20-5177-65	# 20-5177-03	# 20-5177-02	# 20-5177-01
Black top	# 16-5196-00	# 16-5177-00	# 16-5177-00	# 16-5177-00
Black bottom	# 16-5197-00	# 16-5176-00	# 16-5176-00	# 16-5176-00
Black plug Lg.	# 20-5191-50	# 20-5191-50	# 20-5191-50	# 20-5191-50
Black plug Sm.	N/A	# 20-5191-00	# 20-5191-00	# 20-5191-00
O-ring kit Lg. plug	# 20-5180-59	# 20-5180-55	# 20-5180-55	# 20-5180-55
O-ring kit Sm. plug	N/A	# 20-5180-00	# 20-5180-00	# 20-5180-00
*10" tubing	# 20-5179-21	# 20-5179-21	# 20-5179-21	# 20-5179-21

* not pictured

Canister rods and knobs



	500mL Canister	250mL Canister
Rods	# 20-5178-01	# 20-5178-04
Knobs	# 20-5178-00	# 20-5178-00
Tube	# 20-5177-50	# 20-5177-25
Black top	# 16-5194-00	# 16-5194-00
Black bottom	# 16-5195-00	# 16-5195-00
Black plug Lg.	N/A	N/A
Black plug Sm.	# 20-5191-00	# 20-5191-00
O-ring kit Lg. plug	N/A	N/A
O-ring kit Sm. plug	# 20-5193-00	# 20-5193-00
*10" tubing	# 20-5179-01	# 20-5179-01

* not pictured

Canister O-rings



Polycarbonate tube



Black bottom



Black top w/ Sm. plug



Black top w/ Lg. plug



WELLS JOHNSON CANISTER CLEANING RECOMMENDATIONS

Reusable high and small volume canisters

Reusable canisters are surgical equipment used for tissue collection and processing. Without the proper techniques/protocols in place, the risk of patient cross contamination is increased. The correct procedure involves many steps, each one relevant to the next. Below are recommendations in step by step format to achieve the best cleaning results.

1. Canister must be disassembled for cleaning and sterilization
2. After disassembly clean immediately
To clean:
 - Place all pieces of canister in a basin with warm water and a mild detergent*. It is essential not to allow tissue to adhere to the canister pieces as it may be difficult to clean.*Use McKesson item #484478, Wells Johnson #20-3115-00 or similar. Using unapproved detergents may damage the canister tube.
 - Clean the silver hose barb and inner passage of the black canister bottom with a bristled cleaning brush. The recommended brush is the Wells Johnson small cannula brush #20-5230-00. The bristles on the brush will aid in cleaning by being used to softly scrub the inner passage. A syringe can also be used to clean the hose barb by pushing cleaning solution through the passage to dislodge any tissue that may be stuck inside.
 - Remove all tissue fibers that may be stuck to any pieces of the canister
 - Let all pieces of canister air dry after thorough rinsing
 - Visually inspect pieces thoroughly for remaining tissue or damages prior to sterilization
 - Inspect the orange O-rings. Replace O-rings if they become cracked, dry, or brittle
3. After cleaning begin sterilization (Do not sterilize assembled)
To sterilize:
 - The required sterilization cycle for the polycarbonate tube is 250°F (121°C) at 15 psi for 30 minutes with a 30 minute dry time. Do not let the cylinder have contact with sides and back of chamber as this may damage the cylinder.
 - Autoclave all remaining pieces using pressure steam sterilization.
 - Autoclave all pieces and wrap cylinder when using pressure steam sterilization.
 - When using Sterrad, Standard instrument cycle is recommended
4. After sterilization reassemble canister on sterile field for usage
To assemble:
 - Place the black canister bottom on a sterile, flat surface
 - Replace the two orange O-rings on the canister top and bottom, 1 O-ring on each
 - Replace the two orange O-rings on the inner plug of the canister top
 - Press the canister tube onto the canister bottom and check to make sure canister tube is correctly attached
 - Attach the three silver connecting rods through the 3 holes on the canister bottom
 - Attach canister plug to top of canister
 - Press the canister top onto the tube, make sure the rods lineup with the holes in the canister top and the O-

ring creates a proper seal

- Screw the silver knobs onto the canister top to secure rods, DO NOT OVER TIGHTEN
- Double check for a tight seal at all connection points
- Attach the silicone tubing with clamp to the silver hose barb attached to the canister bottom. THE PLASTIC CLAMP ON THE SILICONE TUBING MUST BE CLOSED BEFORE USE

Sterilization recommendations are found on the reverse side of page.

STERILIZATION OF WELLS JOHNSON REUSABLE CANISTERS

FLASH Steam Recommendations:

TYPE OF STERILIZER	LOAD CONFIGURATION	TEMP	TIME	ITEMS ACCEPTABLE	ITEM NUMBERS
Gravity Displacement	<ul style="list-style-type: none"> Nonporous items only (i.e., routine metal instruments, no lumens) 	270°F/132°C	3mins	O-rings Rods Knobs Black bottom Black top Black plug	20-5180-59, 20-5180-55, 20-5180-00 20-5178-00, 20-5178-03, 20-5178-02 20-5178-01 20-5178-00 16-5197-00, 16-5176-00 16-5196-00, 16-5177-00 20-5191-50, 20-5191-00
	<ul style="list-style-type: none"> Nonporous and porous items (i.e., rubber or plastic items, items with lumens) sterilized together 	270°F/132°C	10mins	O-rings 10" Silicon tubing	20-5180-59, 20-5180-55, 20-5180-00 20-5179-01, 20-5179-21
Prevacuum	<ul style="list-style-type: none"> Nonporous items only (i.e., routine metal instruments, no lumens) 	270°F/132°C	3mins	O-rings Rods Knobs Black bottom Black top Black plug	20-5180-59, 20-5180-55, 20-5180-00 20-5178-00, 20-5178-03, 20-5178-02 20-5178-01 20-5178-00 16-5197-00, 16-5176-00 16-5196-00, 16-5177-00 20-5191-50, 20-5191-00
	<ul style="list-style-type: none"> Nonporous and porous items (i.e., rubber or plastic items, items with lumens) sterilized together 	270°F/132°C	4mins	O-rings 10" Silicon tubing	20-5180-59, 20-5180-55, 20-5180-00 20-5179-01, 20-5179-21

STERILIZATION Recommendations:

TYPE OF STERILIZER	ITEM & ITEM NUMBERS		EXPOSURE TIME	EXPOSURE TIME	DRY TIME
			@(250°F/121°C)	@(270°F/132°C)	
Gravity Displacement	<ul style="list-style-type: none"> O-rings 20-5180-59, 20-5180-55 20-5180-00 	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> Rods 20-5178-00, 20-5178-03 20-5178-02, 20-5178-01 	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> Knobs 20-5178-00 	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> Black bottom 16-5197-00, 16-5176-00 	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> Black top 16-5196-00, 16-5177-00 	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
Gravity Displacement	<ul style="list-style-type: none"> Black plug 20-5191-50, 20-5191-00 	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> 10" Silicon tubing 20-5179-01, 20-5179-21 	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> Polycarbonate tube 20-5177-65, 20-5177-03, 20-5177-02, 20-5177-01 	Wrapped instrument	30mins		30mins
Sterrad	<ul style="list-style-type: none"> All items listed above 	Standard cycle			

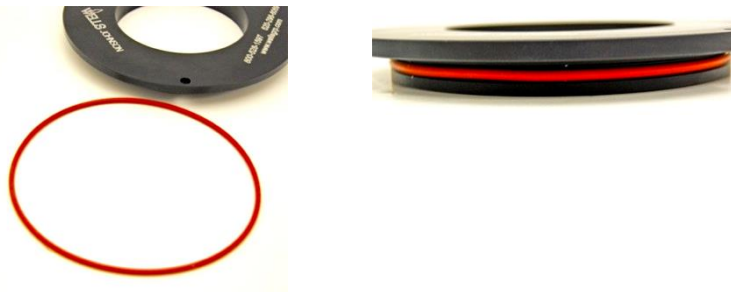
ASSEMBLY OF HARVESTING CANISTERS

Please follow the instructions provided to assemble 5L, 3L, 2L, and 1L, 250mL and 500mL harvesting canisters after sterilization has occurred. Assembly of canister must be done on sterile field.

1. First locate canister top, bottom, plug and 4 orange O-rings. These 4 should consist of 2 larger and 2 smaller O-rings.



2. Place 1 large O-ring along the groove of the canister top. O-ring should fit snugly in groove, to check run index finger gently up and down on O-ring. If O-ring does not move it is properly placed.



3. Repeat using 2nd large orange O-ring and canister bottom



4. Canister top plug requires smaller o-rings to be placed along the 2 grooves found on the plug. Always check that all o-rings have been properly placed along grooves to ensure canister will be sealed correctly.



5. Take polycarbonate tube and line up Wells Johnson vertical logo with silver hose barb on canister bottom. Firmly apply pressure onto the tube to securely attach onto the canister bottom. It is important to check that polycarbonate tube is completely attached to canister bottom with no spaces between tube and canister bottom.



Canister and tube **CORRECTLY** attached



Canister and tube **INCORRECTLY** attached

6. Tilt the canister slightly onto its side and attach the 3 metal rods through the canister bottom.



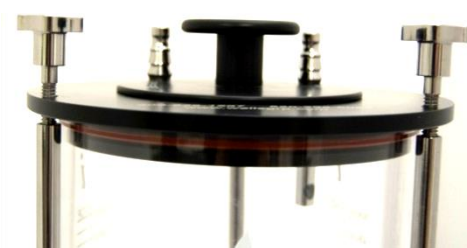
7. Attach black canister plug to top of canister

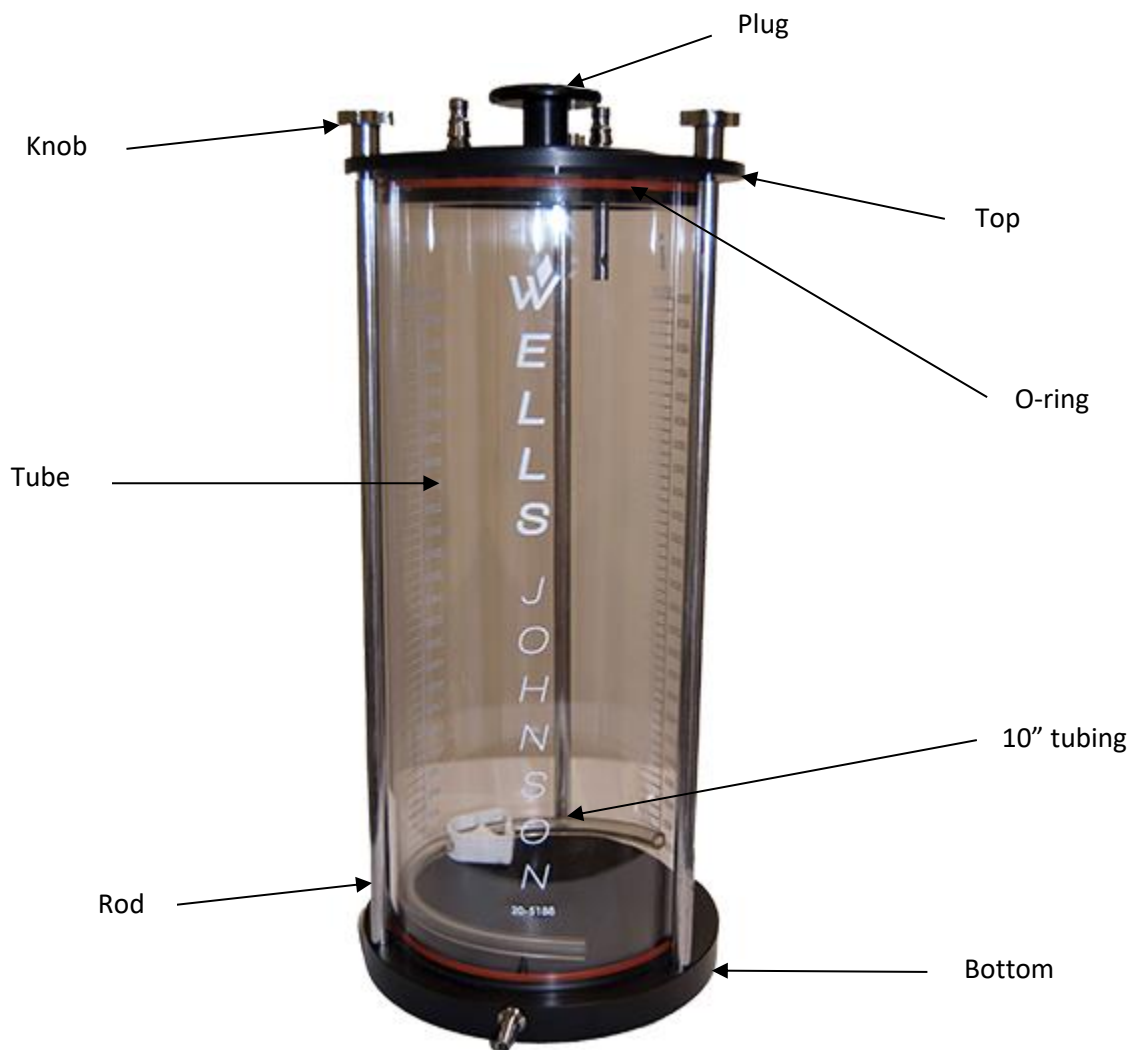


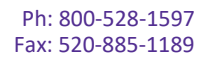
8. While having the canister sit on the sterile field, line up the 3 holes on the canister top with the 3 metal rods. Firmly apply pressure to attach canister top to polycarbonate tube. It is important to check the polycarbonate tube is completely attached to canister top with no spaces between tube and canister top.



9. Locate the metal rod screws (3) and attach screws to metal rods through the 3 holes found on top of the canister. Rotate screws clockwise to attach.







This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

FOR TECHNICAL ASSISTANCE:

CALL 800-528-1597