

## 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 silicon 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
<b>Gravity Displacement</b>	<ul style="list-style-type: none"> <li>Nonporous items only (i.e., routine metal instruments, no lumens)</li> </ul>	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"> <li>Nonporous and porous items (i.e., rubber or plastic items, items with lumens) sterilized together</li> </ul>	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
<b>Prevacuum</b>	<ul style="list-style-type: none"> <li>Nonporous items only (i.e., routine metal instruments, no lumens)</li> </ul>	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"> <li>Nonporous and porous items (i.e., rubber or plastic items, items with lumens) sterilized together</li> </ul>	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"> <li>O-rings 20-5180-59, 20-5180-55 20-5180-00</li> </ul>	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> <li>Rods 20-5178-00, 20-5178-03 20-5178-02, 20-5178-01</li> </ul>	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> <li>Knobs 20-5178-00</li> </ul>	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> <li>Black bottom 16-5197-00, 16-5176-00</li> </ul>	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> <li>Black top 16-5196-00, 16-5177-00</li> </ul>	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> <li>Black plug 20-5191-50, 20-5191-00</li> </ul>	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
	<ul style="list-style-type: none"> <li>10" Silicon tubing 20-5179-01, 20-5179-21</li> </ul>	Wrapped instrument		15mins	15-30mins
		Textile packs		25mins	15mins
<ul style="list-style-type: none"> <li>Polycarbonate tube 20-5177-05, 20-5177-03, 20-5177-02, 20-5177-01</li> </ul>	Wrapped instrument	30mins		30mins	
<b>Sterrad</b>	<ul style="list-style-type: none"> <li>All items listed above</li> </ul>	Standard cycle			