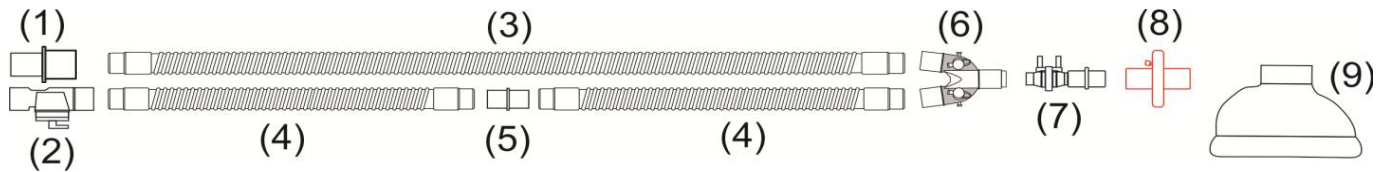


Refer to User Manual for comprehensive information:  
<https://www.mttS-asia.com/impala-ventilator/>

## Impala reusable breathing circuit by MTTs



Disposable parts

Reusable parts

Item	Name	Material	Order Code
1	STRAIGHT CONNECTOR ID=15mm OD=22mm	Polyethylene	1259
2	EXALATION VALVE	Polyethylene	1536
3	CORRUGATE TUBE ID=22mm L=120cm W/CONNECTOR	Silicone	1527
4	CORRUGATE TUBE ID=22mm L=60cm W/CONNECTOR	Silicone	1526
5	SWIVEL STRAIGHT CONNECTOR OD=22mm OD=22mm/	Polyethylene	1533
6	PARALLEL Y CONNECTOR W/PORT OD=22mm	Polyethylene	1528
7	HAMILTON FLOW SENSOR	PET, PC, PVC	1535
8	DISPOSABLE HME-HEPA W/Luer lock port 15M/22F, 22M/15F	n/a	1534
9	SILICONE MASK (SIZE 3, 4, 5)	Silicone	1516-18

## STEP 1. Disinfection - all reusable parts

Make sure to wash your hands and/or wear sterile gloves when reassembling breathing circuit.

Clean Cloth

Disinfectant\*

Sink or Bucket



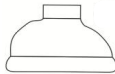
Distilled Water

\*Recommended disinfectants

Disinfectant	Temperature	Time
Ortho-Phthaldehyde 0.55%	20°C	12 min
Hydrogen Peroxide 7.5%	20°C	30 min
Glutaraldehyde ≥ 2.0%	20-25°C	20-29 min






## STEP 2. Sterilization

### A. Silicon parts

Item	Name	
3	CORRUGATE TUBE ID=22mm L=120cm W/CONNECTOR	
4	CORRUGATE TUBE ID=22mm L=60cm W/CONNECTOR	
9	SILICONE MASK (SIZE 3, 4, 5)	

Method	Temperature	Time
Steam sterilization	121°C	15 min
Ethylene oxide gas (EtO)	55°C	8-12 h
Hydrogen peroxide gas plasma	37-50°C	45-72 min
Glutaraldehyde ≥ 2.0% + phenol/phenate 1.93%	35°C	5 min

### B. Polyethylene and PET, PC, PVC parts

Item	Name	
1	STRAIGHT CONNECTOR ID=15mm OD=22mm	
2	EXALATION VALVE	
5	SWIVEL STRAIGHT CONNECTOR OD=22mm OD=22mm	
6	PARALLEL Y CONNECTOR W/PORT OD=22mm	
7	HAMILTON FLOW SENSOR	



DO NOT use steam sterilization method with these parts.

Method	Temperature	Time
Ethylene oxide gas (EtO)	55°C	8-12 h
Hydrogen peroxide gas plasma	37-50°C	45-72 min



Follow the local authority's recommendations and/or hospital standard operating procedures, if available.