



RankenJordan
PEDIATRIC BRIDGE HOSPITAL

Cough Assist T70 With a Mask



T70 Cough Assist Machine



Masks

The T70 Cough Assist device removes mucus or secretions from the lungs through mechanically applied pressure. The machine will provide pressure on both inhalation and exhalation imitating a natural cough. It is a very effective treatment to reduce the risk of retained mucus which could lead to a lung infection.

How is the cough assist connected to you child?

The cough assist tubing can be attached directly to the appropriately sized mask via 22mm adapter.

1. Bacterial Filter
2. Corrugated Tubing
3. 22 x 22mm adapter
4. Mask

Steps to using the T70 Cough Assist With a Mask

1. Gather all equipment.
2. Gather suction supplies.
3. Place your child in an upright sitting position, as tolerated.

With a Mask

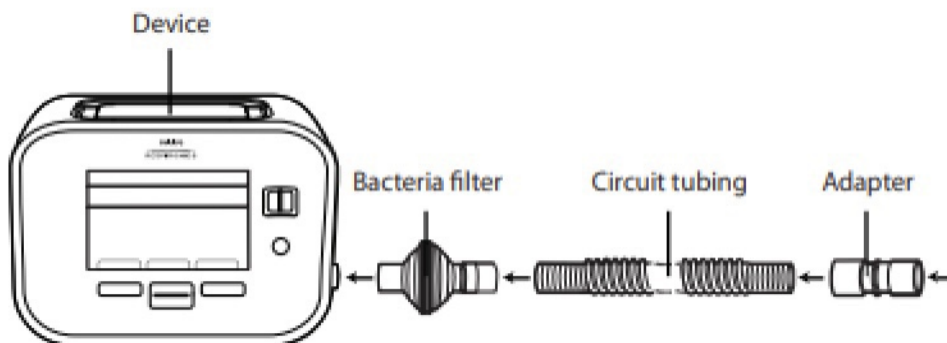
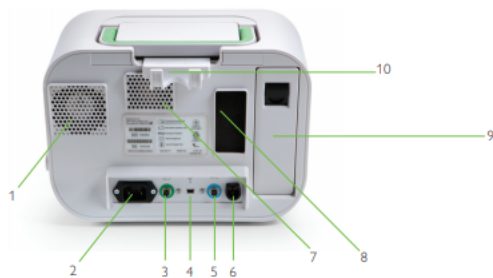
1. Power on the cough assist and check the settings/pressures as determined by your child's physician.
2. Place mask firmly on face and start the treatment by pressing **Therapy** (right toggle). The cough assist will then cycle automatically from inhalation (+ pressure) and exhalation (- pressure), then pause before the next breath is delivered.
3. Continue this in/out breath cycle for 5 cycles. If there are visible secretions in the mask during this time, remove mask and suction.
4. After 5 completed in/out cycles remove the mask and put the cough assist on standby.
5. Suction the mouth/nose and allow your child to resume normal breathing.
6. Repeat the steps above 3 to 5 more times as needed to clear secretions.
7. After the treatment is complete: power off the cough assist and make note of the date, time, quantity/consistency of your child's secretions.

T70 Cough Assist Interface

1. Left button. Allows you to select display option settings.
2. Up/down toggle for menu access.
3. Right button. Push this to start Therapy session/
Initiate Standby between breath cycles.
4. On/Off
5. Manual switch to activate breaths in and out.
6. Breathing circuit connection. Connect bacterial filter and circuit to this.
7. Display screen.



1. Fan exhaust. Do not cover this.
2. AC power inlet. Plug power cord here.
3. Remote control connector for pedal accessory.
4. USB cable port.
5. SpO2 connector for optional oximetry accessory.
6. DC power inlet. External battery can be connected here.
7. Air path. Do not cover this.
8. Air path inlet. Change and clean this filter regularly.
9. Detachable battery slot.
10. Tubing holder for circuit.



Cleaning and maintenance

The device:

Wipe the outside of the cough assist with the following cleaning materials:

- Clean cloth with water and mild detergent
- 70% Isopropyl alcohol

The breathing circuit and bacteria filter:

- After each use, the circuit should be washed thoroughly with mild liquid detergent and water. Make sure the parts are dried completely before connecting to the cough assist again.
- The bacteria filter cannot be washed and should be replaced when blocked with mucus or moisture.
- Replace the adaptors if they become broken.

The air filter:

- The air filter should be cleaned every 2 weeks and replaced every 6 months with normal usage.
- Make sure device is disconnected from power source
 - o Remove the filter from enclosure
 - o Examine the filter for cleanliness and integrity
 - o Wash the filter in warm water and mild detergent. Rinse thoroughly.
 - o Allow the filter to air dry completely. Only Phillips Respironics filters should be used as replacement filters.
 - o Reinstall the filter.



Your Child's Settings:

Preset 1

Mode: Manual Automatic
Cough-Trak (inspiratory trigger): On Off
Inhale pressure: _____ cm H₂O
Inhale flow: Low Medium High
Inspiratory time: _____ sec. NA
Exhale pressure: _____ cm H₂O
Expiratory time: _____ sec. NA
Pause time: _____ sec. NA

Preset 2

Mode: Manual Automatic
Cough-Trak (inspiratory trigger): On Off
Inhale pressure: _____ cm H₂O
Inhale flow: Low Medium High
Inspiratory time: _____ sec. NA
Exhale pressure: _____ cm H₂O
Expiratory time: _____ sec. NA
Pause time: _____ sec. NA

Preset 3

Mode: Manual Automatic
Cough-Trak (inspiratory trigger): On Off
Inhale pressure: _____ cm H₂O
Inhale flow: Low Medium High
Inspiratory time: _____ sec. NA
Exhale pressure: _____ cm H₂O
Expiratory time: _____ sec. NA
Pause time: _____ sec. NA

Recommendations:

To Learn More:

- Respiratory Care
314-684-1495
- Ask your child's Healthcare Provider
- usa.phillips.com