

# Respironics CoughAssist T70

## **Airway Clearance Device**

CoughAssist T70 clears secretions from the lungs by gradually applying positive pressure (insufflation) to the airway then rapidly shifting to negative air pressure (exsufflation). This shift in pressure creates a high expiratory flow, that simulates a deep natural cough.

## **An Alternative to traditional suction methods**

Instead of introducing an intrusive suction catheter to the airway, air is delivered non-invasively through a mask, mouthpiece, or adapter that allows the device to function with a endotracheal or tracheostomy tube. Staying out of the airway, reducing the risk of injury or infection.

## **Comfort Driven with Auto Sensitivity**

The T70 automatically adjusts to the patient's breathing patterns for enhanced breath delivery. It allows more control of therapy and a comfortable more natural treatment.

## **Data Management**

The T70 records activity to a standard SD card for retrieval. With DirectView software, Tidal Volume, Peak Flow, Oxygen Saturation, and other details can be read to assist in clinical decisions.

# **Specifications**

## **Environmental**

Operating temperature: 5° C to 35° C

Relative humidity: 15 to 95% (non-condensing)

Atmospheric pressure: 101 kPa to 77 kPa (approximately 0-7500 ft)

Weight: 3.8 kg (8.4 lbs) (without detachable battery) 4.3 kg (9.4 lbs) (with detachable battery installed)

Size: 29.2 cm W x 23.1 cm H x 19.0 cm D (11.5" W x 9.1" H x 7.5" D)

## **Features and settings**

Presets: 3

Modes: Manual and Auto

Maximum positive pressure: 70 cm H<sub>2</sub>O

Maximum negative pressure: -70 cm H<sub>2</sub>O

Triggering: Cough-Trak on/off (not available in Manual mode)

Inhale flow: Low, medium, high

Inspiratory time: 0.0 to 5.0 secs (not available in Manual mode)

Expiratory time: 0.0 to 5.0 secs (not available in Manual mode)

Pause time: 0.0 to 5.0 secs (not available in Manual mode or if Cough-Trak is enabled)