

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 (exsuffation). 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 an 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 H₂O

Maximum negative pressure: -70 cm H₂O

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)