

CuffSentry™ The New 'Standard' of Care for Cuff Management

Instructions for Use:

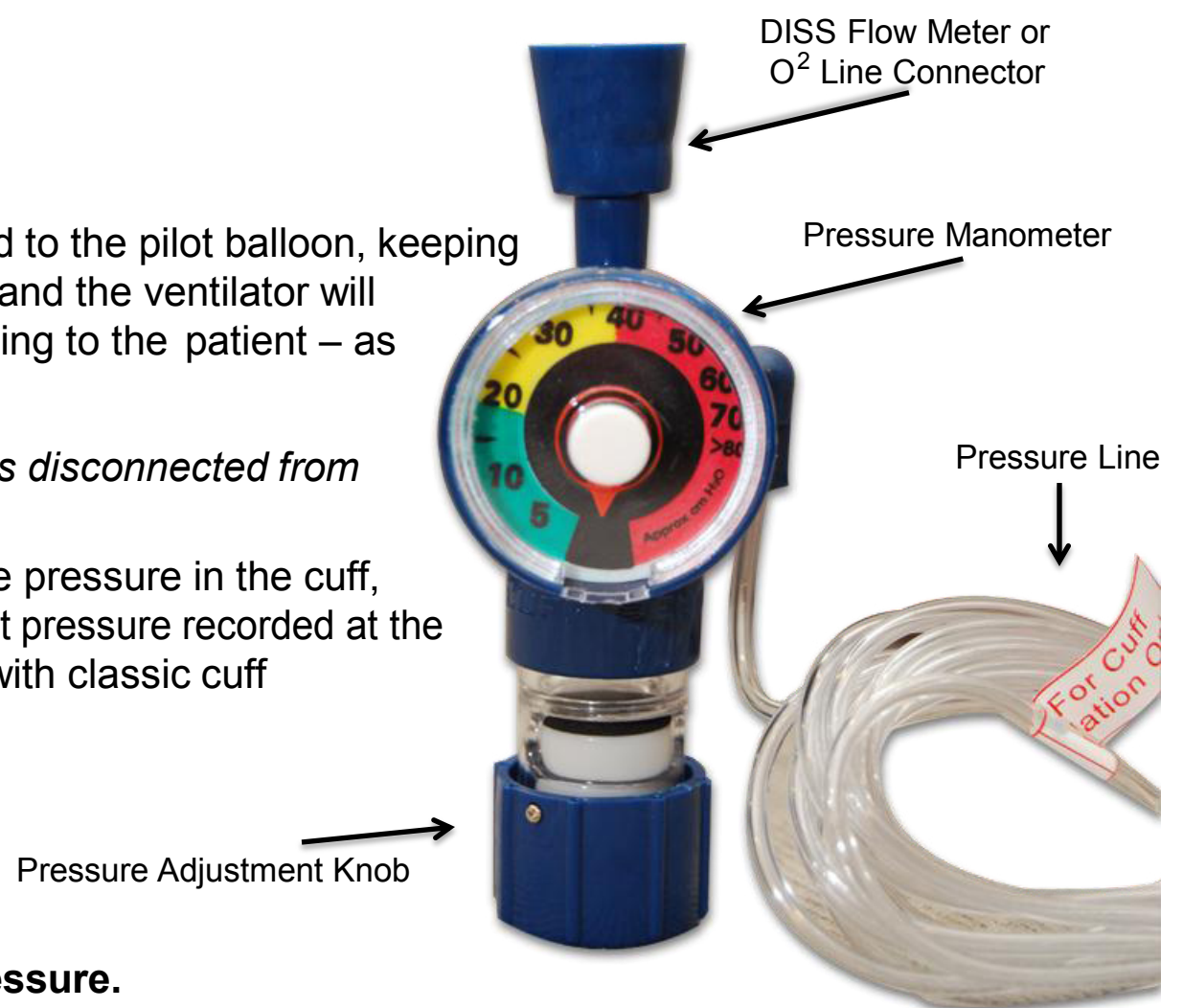
- Connect CuffSentry™ (301-CS5000) to flow meter (air or oxygen).
- If 301-CS5001 is used, attach CuffSentry™ to ventilator and then attach connecting tube to CuffSentry™ and flow meter. You may also use any alternate solution to attach CuffSentry™ to the vent.
- Set flow on flow meter to approximately 1 LPM. Higher flows may be used but may increase noise level or chattering. This noise does not impact effectiveness of the CuffSentry™.
- Occlude CuffSentry™ pressure line and adjust **pressure relief valve** to desired cuff pressure setting on manometer. NOTE: You may consider this a coarse adjustment. More finite adjustment can be achieved by adjusting the '**flow meter**' and the '**pressure relief valve**' at the same time.
- Connect the CuffSentry™ pressure line to ETT pilot balloon.
- Inflation of the pilot balloon confirms proper connection.
NOTE: Double Check of connection integrity: After attachment of CuffSentry™ and sufficient time has allowed for inflation of the cuff, quickly depress the pilot balloon with thumb and index finger while observing the pressure gauge, then quickly release. This single action will show a brief rise in pressure on CuffSentry™ manometer. This verifies that the Pilot Balloon Check Valve and CuffSentry™ are in open communication, and the device is functioning as intended.
- Check exhaled tidal volume on ventilator to ensure that the patient is receiving prescribed tidal volume.

CuffSentry™ FAQ:

- Q. *What happens if the flow is turned off?*
- A. If the CuffSentry™ pressure line is still connected to the pilot balloon, keeping the pilot 'valve open', the cuff will start to deflate and the ventilator will alarm because of leak and improper tidal flow going to the patient – as you would see now with a cuff leak.
- Q. *What happens if the CuffSentry™ pressure line is disconnected from the pilot balloon valve of the ETT?*
- A. The pilot balloon valve will close and maintain the pressure in the cuff, and the reading on the CuffSentry™ will be the last pressure recorded at the time of connection. Similar to what is done now with classic cuff management methodology.

Key Features:

- CuffSentry™ maintains **constant** air-filled **cuff pressure**.
- Under- and overinflation of air-filled cuffs can be virtually eliminated.
- Saves clinician time and associated labor costs by eliminating the need for **manual** cuff pressure checks.
- Cuff pressure maintained at your set pressure. **Realtime cuff pressure always visible**.
- Works on ANY air-filled artificial airway cuff.
- **MOV (Minimal Occlusive Volume)** and other manual methods **relieve cuff pressure** at every cuff check, breaking the integrity of the balloon/Trach seal; this promotes subglottic secretions draining into the lower airway. CuffSentry™ may prevent this from happening, as set cuff pressure and seal integrity are constantly maintained 24/7.
- Cost effective: pays for itself by reducing labor costs and the additional expenses incurred by complications related to under- and overinflation. Single patient use.



Learn more & view PowerPoint at
www.cuffsentry.com

Part Number 301-CS5000 - Standard CuffSentry™
Part Number 301-CS5001 - CuffSentry™ with 7' supply tube