

Quick Start Guide

OH&ESD

3M™ TR-300 Powered Air Purifying Respirator (PAPR) Assemblies With Hoods and Headcovers

Published: April 2011

Replaces all previously issued Quick Start guides on this topic until superseded.

The following is designed to be a Quick Start Guide for reference purposes only. **Before using the TR-300 PAPR, all users must read and understand the product User Instructions.** If you have questions, consult your supervisor or call 3M Technical Service at 1-800-243-4630 (USA) or 1-800-267-4414 (Canada).

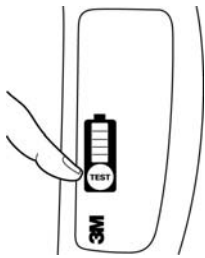
1. **Inspect the TR-300 PAPR system.** If parts are missing or damaged, replace only with 3M TR-300 replacement parts before proceeding.
 - **Motor/blower.** Inspect for cracks, holes, damage to user interface panel.
 - **Battery pack.** Confirm battery pack case is intact. Confirm battery pack charge is sufficient for duration of the work period by pressing the TEST button on the battery pack.
 - **Breathing tube.** Examine breathing tube for tears, holes or cracks. Bend the tube to verify that it is flexible. Ensure the o-rings located at both ends of the breathing tube are present and intact.
 - **High Efficiency (HE) filter.** Inspect filter *and gasket* for dirt, tears, cuts, distortion or indentations. Replace HE filter if any damage is noted or suspected. **The HE filter should not be stored long-term in the motor/blower unit.**
 - **Headgear.** Inspect the hood or headcover for tears, cuts, loose stitching, cracks, discoloration or other signs of damage.
2. **Assemble TR-300 PAPR system**
 - Attach battery pack to bottom of motor/blower. Pack will secure with a distinct click.
 - Place the HE filter into the cover. Install the cover in the motor/blower and confirm cover latch is secure. Cover latches with a distinct click. Filter label must be visible in cover window.
 - Insert the end of the breathing tube with the two small prongs into slots in the motor/blower air outlet. Twist the breathing tube ¼ turn to the right to lock.
 - Attach breathing tube to the hood or headcover by pushing the QRS end of the breathing tube (end with the blue pinch clip) onto the air inlet of the headgear. Headgear will secure with a distinct click.
3. **Perform flow check.**
 - If installed, remove breathing tube.
 - Insert air flow indicator into the outlet on the TR-300 motor/blower unit.
 - Start motor/blower. Run for 1 minute.
 - With the airflow indicator in a vertical position, bottom of the floating ball must be at, or above, the minimum flow mark. If not above minimum mark, respirator system must not be used until evaluated and repaired.
 - Remove air flow indicator and perform low flow alarm test per TR-300 User Instructions.
 - Reattach breathing tube and headgear before use.
4. **Don TR-300 PAPR system**
 - Turn on motor/blower by pressing and holding blue on/off button.
 - Use belt or backpack to attach PAPR to wearer.
 - Pull headgear over head and adjust. Pull face seal under chin. Facial hair must not interfere with face seal.
5. **Post Use** – Exit work area and clean PAPR following practices established by your employer.

! WARNING

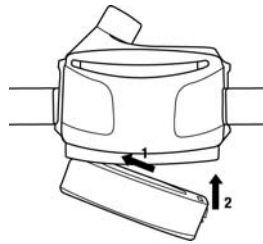
These respirators help protect against certain airborne contaminants. Use of 3M™ Powered and Supplied Air Respirators by untrained or unqualified persons, or use not in accordance with the instructions, **may adversely affect product performance and result in sickness or death**. Powered and supplied air respirators are to be used only by qualified persons who are properly trained in their use and maintenance and only in accordance with their operating and maintenance manuals. Each person using these products must first read and understand the operator's manual. See supervisor for assistance or call 3M OH&ESD Technical Service in U.S.A. at 1-800-243-4630. In Canada call 1-800-267-4414.

The following are excerpts from the TR-300 User Instructions. Before using read and understand all User Instructions.

NOTE: All user interfaces (e.g. latches, connection points) are colored blue for quick identification.



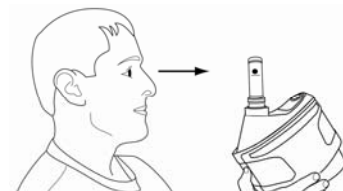
Push button to confirm battery charge – 5 bars = 80-100%.



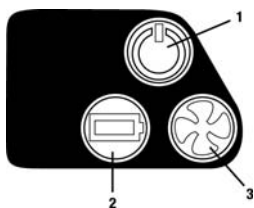
Confirm battery pack secure-tug battery pack to confirm.



Confirm HE filter visible in window
Turn on PAPR – push blue button.



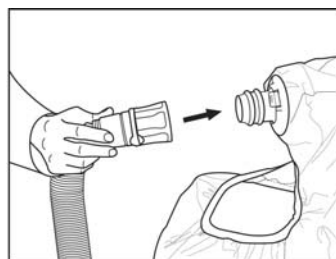
Confirm airflow is sufficient. Bottom of ball above line.



Confirm green ON light on (1).
Confirm alarm lights off (2,3).



Insert breathing tube into PAPR air outlet.



Inspect hood for tears, holes. Insert breathing tube into hood connection.



Don PAPR per workplace procedures.