



Powered Air Purifying Respirator

Type: PRF-103RM3

Product Name: **powered air purifying respirator**

PRF-103RM3 is a dust and gas proof powered air purifying respirator. It provides the water proof main body design which can endure the strict cleaning and sterilizing. Two or three of the filter slots can be used at the

same time. The respirator is light in weight, comfortable in wearing, wide waistband, double shoulder straps, and human body engineering design which can uniformly distribute the weight, easy in operation with remarkable positive pressure, service life, airtight and filtrating functions, 0.3 μ m filtrating precision. Air flow is huge, 160-280L/Min, and adjustable (clockwise regulate big flow and anti-clockwise regulate small flow). Rechargeable lithium battery can supply power 6 to 20 hours consecutive operation, if air flow regulate maximum, the lithium battery can work for 6 hours continuously, while air flow regulate minimum, 20 hours. If work over 6-20 hours consecutively, a backup battery is needed. It will buzz automatically when power is low. The hood integrated with shawl, a breathing tube installed at the top of the hood, which supply air flow from the top down to avoid fogging. It is the best choice to provide protection from pneumoconiosis and occupation diseases.

Three choices of filters, they are 103HD, 103G and 103W.

This product PRF-103RM3 is used in many kinds of condition with various particles (dust, fog, smoke and the like) and poisonous and harmful ill odors (acidic gas, alkaline gas, neutral gas, organic gas coexist). But not unsuitable to anoxic (i.e. oxygen content less than 18%) or IDLH concentration (Immediately Dangerous to Life and Health).

Weight of PRF-103R respirator (including the battery, excluding filter case): 1100g.

Weight of M3 air supply hood: 300g.