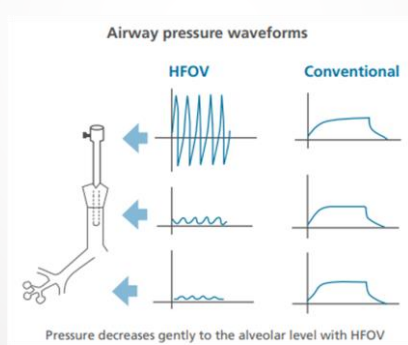


• Key Benefits

Active exhalation, actively removing CO₂ during expiration

Pressure decreases gently to the alveolar level with HFOV



optimal lung recruitment

The 3100A HFOV

When the lung is damaged by conventional ventilation, it may lead to chronic changes. Other organs may be compromised by harmful cytokines and proteins released into the bloodstream.¹ The 3100A high-frequency oscillatory ventilator (HFOV) can decrease the risk of these complications by maintaining a constant distending pressure and normalizing the end expiratory lung volume.

The 3100A gently delivers 1 to 3 mL tidal volumes to ventilate the most premature infant and delivers up to 180 mL to support the ventilation of paediatric patients. It facilitates an active exhalation, which is essential at high frequency respiratory rates to prevent air trapping that may occur with passive exhalation

3100A oscillators patented technology and a highly reliable, electromagnetically driven piston that distinguishes it from other high frequency ventilators, it permits variable I:E ratios, which are desirable for managing ventilation and reducing the risk of air trapping



3100A & 3100B HFOV
high frequency oscillatory ventilators

