



RESmart™ Auto

Technical fact sheet

RESmart™ Auto offers personalized and comfortable treatment for sleep apnea and snoring patients. RESmart™ Auto is exclusive technology to BMC's RESmart™ AutoCPAP devices. These devices deliver APAP (automatic positive airway pressure) for the treatment of adult OSA.

RESmart™ Auto

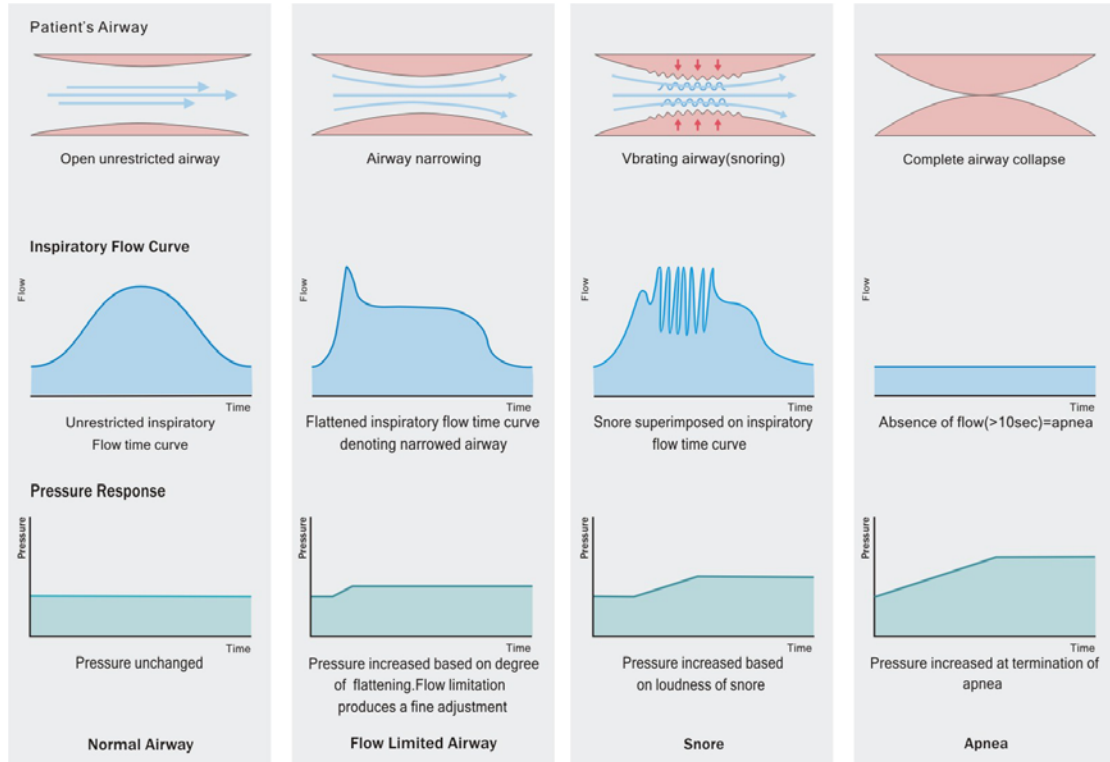
Algorithm

RESmart™ Auto is an innovative technology building on a great volume of clinical trial. This patented algorithm constantly monitors the airway changes and responds to a broad spectrum of upper airway changes: Apnea, Snore, Flow Limitation, and hypopnea.

RESmart™ Auto is unique in its Dual-channel Quad-phase technology. It monitors all four respiratory events of upper airway via independent pressure and flow sensors. And it adjusts treatment pressure automatically. If no further events occur, it will gradually reduce the pressure to a set minimum pressure. This makes patient more comfortable.

RESmart™ Auto also monitors and compensates for leak.

RESmart™ Auto — Pressure responses



RESmart™ Auto

Outstanding patient comfort and compliance

Unlike conventional CPAP therapy, RESmart™ Auto offers a personalized response to each user's needs. For each patient, this algorithm performs the best treatment as per the difference status of upper airway in every night. This greatly improves the patient comfort of using CPAP therapy. RESmart™ Auto offers patient the needed minimum treatment pressure at any time. A great volume of clinical trail proves that the patient compliance of using CPAP therapy is improved markedly.