



*Presents:*

**THE PERCUSSIONAIRE® PHASITRON® DUO™**

**IPV® PATIENT BREATHING HEAD**

**Part Number A50007-10**



**THE PHASITRON® DUO™ CAN BE USED WITH ANY PERCUSSIONAIRE® IPV® DEVICE.**

**The PHASITRON® Duo™ is an integrated device with only a removable Nebulizer Bowl. This DESIGN prevents the potential loss of components.**

**THE COMBINED NON-SPILLABLE PHASITRON® DUO™ IS NOT DESIGNED FOR INTUBATED PATIENTS.**

**FOR TREATMENT:**

Service nebulizer bowl with up to 20 cc of prescribed medications and diluents (excluding the IPV®-HC Home Care Percussionator®), then twist lock the nebulizer bowl into place. Twist lock the interfacing harness: White, Red, Green and Yellow tubing Bayonets (attached to the IPV®) into the color-coded sockets on the Phasitron® Duo™.

For the IPV®-HC Percussionator®, service the nebulizer bowl with 15cc of prescribed medications and diluents, then twist lock the nebulizer bowl into place. Twist the interfacing harness, yellow, white, and green, tubing bayonets (attached to the IPV®-HC) into the color coded sockets on the Phasitron® Duo.

**IMPORTANT-** Before allowing the patient to breathe on the Phasitron® Duo,™ turn on the NEBULIZER and check for a dense fog flowing from the mouthpiece end.

**Note:** Periodically lubricate the interfacing harness o-rings as well as the yellow nebulizer seal with the special Percussionaire® LubeTube™.

**FOR CLEANSING, THE PHASITRON® DUO™ IS DISHWASHER SAFE. DO NOT AUTOCLAVE**

To drain after DISHWASHER TYPE cleansing, point the Phasitron® Duo™ Mouthpiece downward at an angle then rest the Nebulizer rim upon the shelf surface until dry.

In reality, the PHASITRON® DUO™ is a respirator for pulmonary therapy to be positioned at the proximal airway by the patient or clinical attending. The Phasitron® Duo™ is the **WORLD'S MOST PRECISE THERAPEUTIC RESPIRATOR**, called an IPV® PERCUSSIONATOR® INTERFACE.

The logic for Intrapulmonary Therapeutic Efficacy behind Dr. Bird's concept for Intrapulmonary Percussive Ventilation (IPV®) requires an extremely precise combination of a fluidic injector called a Phasitron® and an aerosol generator to manufacture a specific particulate spectrum of aerosolized medications for delivery throughout the airways of the lungs. This combination requires design accuracy and materials selection beyond that ever incorporated into a conventional breathing device to provide for inhalation therapy.

The fluid clutching against airflow resistances within the pulmonary airways during each PERCUSSIVE burst of gas into the lungs is provided by a very precise venturi, creating an intrapulmonary airflow similar to that flowing over an airplane wing. To cause their precise delivery into the smallest pulmonary airways, the electrostatic design potentials and the materials used in the nebulizer create a specific positive electron valence during the precise generation of air suspended particles of medication.

Therefore, the manufacturing precision required for the highest level of clinical efficacy designed into the Phasitron® Duo™ combination can't be obtained by using low cost "disposable" components".

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