

TridentPulsation™ is the next generation in pulsation integrating milking management and pulsation health monitoring into one product. TridentPulsation includes a number of innovative features that are either patented or patent pending to deliver a milking performance unmatched in the industry. TridentPulsation is focused on three key performance parameters: Speed, Efficiency and Reliability.

TridentPulsation™ integrates within an existing milking facility and coordinates with the detach system in order to know the milking status of the cluster. TridentPulsation™ turns on and off with the detacher and initiates the LinerMaid™ feature to hold the liner fully open during attach and detach. This ensures a consistent and proper attach avoiding those partial attaches and reduces teat stress during detach avoiding the dragging of a closed liner along the length of the teat.

TridentPulsation™ offers three user selectable rates and ratios: 50ppm 70/30, 60 ppm 65/35 and 60ppm 60/40. The fastest milking speed is achieved with the 50ppm 70/30 permitting milking speeds to be improved 10% to 30% beyond that of any other product on the market. Faster milking is achieved through a combination of rate/ratio settings, the consistent liner attach and pre-milking stimulation of LinerMaid and the optimized/consistent liner action provided with the PlusPulse™ Positive Pressure fresh air system that uniquely integrates with TridentPulsation™.

TridentPulsation™ incorporates a patented long-life solenoid system to significantly increase pulsator life while reducing maintenance intervals. When this is combined with the PlusPulse™ Positive Pressure fresh air system the TridentPulsation™ pulsators will operate for many months without maintenance even when operated 24/7.