

Kinetic Particulate Separation Chamber

The **MTI Analytical Technology Particulate Separation Chamber** is for analyzer sample conditioning to remove sand, silt, and other particles (or heavier materials) prior to entry into analytical systems. The unit is constructed of 316SS with 3/8" tubing inlet, 1/4" tubing outlet to analyzer, and 1/2" FPT bottom exhaust port. Overall dimensions shall be 2" ID x 22" long.

A 3/8" tube extends from the inlet port at the top to mid-point within the internal cavity of the chamber. Fluids, gas or liquid, entering the top port are subjected to kinetic energy and gravitational forces, separating the heavier materials and allowing the lighter materials to exit the upper, 1/4" port. Heavier materials collected within the unit may be eliminated through the 1/2" bottom port.

Request **MTI Analytical Technology** part number KRCSS0222A which includes the housing, upper bored through Swagelok 3/8" fitting with tube, and 1/4" Swagelok outlet tube fitting.

