

## American Filtration & Separations Society-2010 Annual Conference

### Multiple Plate Pressure Filtration Systems for High Efficiency, Fine Particle Separation

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#### ABSTRACT

Process fluid applications requiring high efficiency particle removal down to 0.5 microns at flow rates from 50 gpm to 10,000 gpm (or more) can best be served by multiple plate pressure filtration systems which can provide large amounts of filter area in vertical stacks of parallel manifolded filter plates which require a relatively small amount of plant floor space to install.

Such systems employ few moving parts, require very little operating/maintenance labor and operate continuously. Disposable media can be used to avoid the negative effects of contaminants that otherwise blind over permanent media preventing it from being efficiently renewed each and every filter cycle. Operations are trouble free and highly reliable.

#### Bio Sketch

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