

THE ADVANTAGES OF HYDROCYCLONE SEPARATION SYSTEMS

- Consistent product quality
- Reduction of loading on filtration equipment
- Suitable for continuous or batch operations
- No moving parts
- Small footprint
- Modular design
- Minimum supervision and maintenance required

The use of hydrocyclones is recognised as the most efficient method for separating, classifying and thickening for many of the diverse processing demands within the chemical industry. In organic polymer generation, counter current washing techniques using multi-stage hydrocyclone systems have proved the most effective contaminated liquor removal system compared with traditional methods.

TYPICAL APPLICATIONS

- Removal of solids from wet scrubber applications
- Thickening of calcium tartrate prior to centrifuges and filters
- Counter current washing of contaminated polymer products
- Effluent solids removal
- Product Classification
- Flue Gas Desulphurisation processes
- Acid neutralization of effluents
- Removal of scale from heat exchanger circuits
- Solids removal from solvent recovery circuits
- Crystal recovery from precipitation circuits
- Removal of solids for the protection of downstream equipment

The nature of the solids requires specialist materials and Salter Cyclones is able to offer hydrocyclones in a wide range of corrosion resistant materials housed in vessels rated according to the clients' specifications.

LABORATORY FACILITIES

A full range of test work can be completed at our test facilities or on site. We welcome clients to visit us whilst their samples are being tested. Please contact us for pricing and information on the amount of sample required.

Some equipment can be hired on a monthly rental and our engineers are available to carry out test work on site at a daily rate.



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For more information on this or any other Salter Cyclones product, please contact :

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