



In the mix!

Cork-based Flexachem, who have been in business since 1982, have delivered highly efficient and lower life cost solutions to the water, wastewater and manufacturing industries. Within their extensive portfolio that supports this segment are ranges of Chemineer's renowned mixing technology.

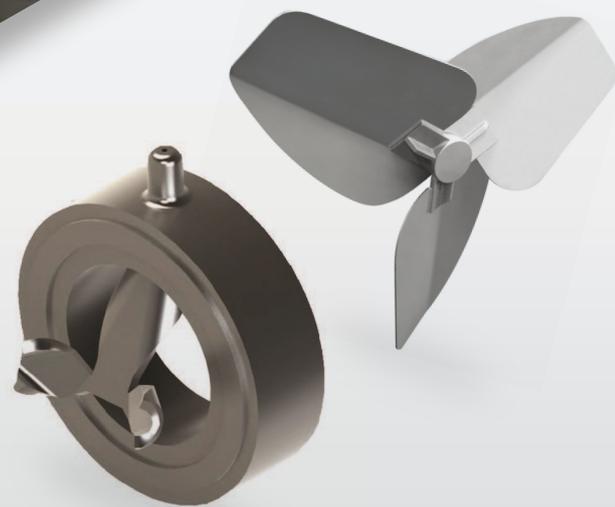
Factory trained and exclusive distributors in Ireland for Chemineer, Flexachem has a proven track record of successful site installations, facilitated at the design stage by Chemineer's Computational Fluid Dynamics (CFD) software. The visual projections of mixer performance coupled with extensive experience greatly reduce the purchase risk and provide the optimum energy efficient but application effective solution. Chemineer design will optimise uptime & reduce carbon footprint.

An optimised Solution from Flexachem can save you money!

We can help you select Agitators and Mixing Solutions where it will significantly reduce capital expenditure and operating costs unlike traditional "G-Value" driven selections for tank mixing in WWTP. **If you opt for Flexachem's optimised solution, by reducing kW we have demonstrated savings of up to ~ 1000€/kW annually.**

We have an independently certified class leading non-ragging impeller (RL-3). The smooth-profile, dynamically curved RL-3 minimises the possibility of fibrous material wrapping around the impeller Blades or Hub. This significantly extends the lifetime of an agitator because the power load on the actual motor is significantly decreased, this leads to greatly improved uptime.

Flexachem have been very successful in the supply of the static mixer – the Kenics Ultratab Static mixer that is shorter than standard helical coil mixers and fits conveniently into your existing pipework for use in pH Addition and Treatment addition. It is certified as the lowest pressure drop mixer in the market, offering savings in energy demand in flow transfer. Kenics have UK approval for drinking water applications.



Some of the key features and benefits of the Kenics Ultratab static mixer include:

- Integral wall injector upstream of the mixing element that forces flow stream additives through the high energy dissipation region created by the mixing element which provides superior mixing efficiency.
- Low pressure drop through the Ultratab element enhances process energy efficiency and saves pump energy.
- Compact design and short mixing length minimizes pipe lengths and optimizes the efficiency of the plant layout.

Product specifications of the Kenics Ultratab static mixer include:

- Sizes range from 2" to 60"+
- NPT or flanged injectors.
- Materials available include carbon steel, stainless steel, coated carbon / 316SS, FRP, and high alloy metals.
- Housing options include between flange tab and spool piece designs.

Chemineer features and benefits:

- Extended service interval gearbox option (8-10 year intervals).
- Optimised selections that reduce kW consumption.
- Selections that reduce number of agitators for larger tanks.
- Robust construction for continued uptime.
- Full spectrum of tank mixing duties covered.

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