

# ION EXCHANGE RESIN MANUFACTURING

## SOLUTION: GA AND GC SERIES



### THE FLUID INDUSTRY

Purolite is a world leader in resin-based separation, purification and extraction technology.

### APPLICATION

Purolite's R&D laboratories and pilot plants are used to develop and test the company's latest products and developments. Pumps are required to circulate, dose and transfer a variety of chemicals at low/ medium capacities. ATEX compliance is a necessity, and leakfree pumping is desirable for safety and cleanliness. To be suitable, the pump must also be compact to save on space, precise for repeatability, and durable to handle occasional bumps.

### PROJECT SUCCESS

Micropump seal-less magnetically coupled GA and GC series external gear pumps, equipped with appropriate ATEX-certified motors and controls, are able to meet the precision and accuracy requirements needed for reliable and robust performance.

Patrick Gilbert , Purolite's R&D Manager has been using Micropump pumps for several years. He states: "I am happy to give the highest rating to MSE for service, and their technical expertise. The Micropump pumps supplied are robust, easy to use and affordable on any production scale".



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### Distributor Partner

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## BENEFITS

### FEATURE / ADVANTAGE

- External gear pump design → Smooth, pulse-free flow
- Magnetically driven → Seal-less design, no leakages
- Compliance with ATEX → Adheres to all site regulations
- NdFeB magnets → Compact design
- 316 Stainless Steel construction → Excellent corrosion resistance



Easy to monitor  
and control



No spillage of  
potentially harmful  
liquids



Suitable for use with a  
wide range of chemistries



Optimized plant  
space



Safe to use



Accurate flow