

Recyclability

Sustainability is extremely important to ProEconomy and we aim to encourage recycling in all aspects of our business.

The recyclability of the Orca system has been a key consideration from the outset of ProEconomy in 1993. In the initial design concepts we wanted to offer a product that had a low environmental impact and was recyclable.

To do this we designed a product with a long life cycle that we could retrofit with future upgrades. We also have maintained a consistent manifold configuration that can be swapped between builds.

This ability to move systems and retrofit old systems with our latest upgrades means that we have systems working today that are still using our core manifold 20 years after installation.

Materials:

ProEconomy is committed to using recycled materials when building an Orca system.

We recycle all of our waste/scrap copper and silver and this gets recycled and reused as new electrodes. We also are dedicated to sourcing our copper and silver from suppliers that use recycled scrap metal.

We chose our PVC pipework supplier in accordance with our environmental principles. The PVC pipework that makes up our manifolds are sourced from an environmentally conscious company that is ISO 14001 accredited.

We can provide further details on our suppliers upon request.

Developments:

We have redesigned our POD to use 100% recycled consumables.

Traditionally we bolted electrodes to our POD enclosure and would therefore have to build new POD enclosures for every POD change. We have now created a cartridge mechanism whereby only the copper and silver bars are changed and the POD enclosure remains with the system in situ.

This new design, our commitment to recycling our waste silver and copper and our dedication to sourcing recycled silver and copper from our suppliers means that the Orca systems consumables are 100% recycled.

ProEconomy | orca

Copper and Silver Water Treatment

proven Legionella control