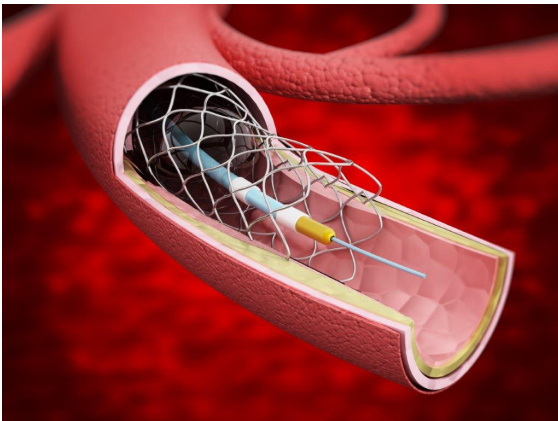


Sterimixer magnet coupled mixers and medical implants

Frank Sequino - Sales Manager USA

CASE : Mag mixers have become the trusted, go-to solution for applications where sterility cannot be compromised. The primary benefit of mag mixers is containment and isolation – everything inside stays in and everything outside stays out. The industry where these attributes are most critical has traditionally been the biopharma industry but, there's a common misconception that biopharma is the only industry that needs mag mixers.



REQUIREMENT

Is there room for the medical device industry to benefit from mag mixers? Sure, there is. This industry makes discrete parts but, quite often, these parts go inside the human body. There are numerous liquids involved in the manufacturing processes and these liquids must remain sterile at all times.

HOW THAT LED TO A BOTTOM-MOUNT MAG MIXER

Steridose recently sold its Sterimixers to a manufacturer of implantable medical devices. More information on the Sterimixer can be found here: <http://www.steridose.com/products/sterimixer/>. The decision to use mag mixers was based on the need for

sterility. The manufacturing process is rather involved and there are several critical control points where the contamination risk is high. By using mag mixers in closed vessels, the customer has reduced the risk to near zero.

FINDING THE RIGHT MIXER

Some of the applications were simple and involved water-like ingredients, such as buffer mixing and storage. Some were a little more difficult, such as rinse/wash mixing and storage. Some were a lot more difficult and involved viscosities in the 500 – 700 centipoise range. There is another common misconception that mag mixers can only mix waterlike products – not true – contact Steridose for mixing liquids with viscosities as high as 1000 centipoise.

TAKEAWAY

If you have a manufacturing processes that requires sterility in your mixing, regardless of the industry, we can help!



About us

Steridose is a global brand manufactured at the IDEX Material Processing Technologies plant in Canada. We are highly specialized in the design, development and manufacturing of magnetic coupled mixers and radial diaphragm valves.

Steridose is part of IDEX Corporation, with regional offices in key locations around the world.

Steridose is represented in important certifying and standards organizations, most notably and relevant to the pharmaceutical industry, ASME BioProcessing Equipment standards committee (BPE). We help develop the standards and Good Manufacturing Practices that minimize risk for process interference.

Steridose partners with the best distributors and representatives in the industry all over the world. Together we become the perfect mix; a premium product with global references combined with local presence for product and application support.



www.steridose.com