



CASE STUDY



END-TO-END PRODUCT DEVELOPMENT SPECIALISTS

Process: DFM, Diecasting, Injection Moulding & Compression Moulding

Trophon EPR system is designed to disinfect ultrasound transducers in medical practice.

Challenge:

Nanosonics was looking to work with a global company with manufacturing facilities to support the entire production of both metal and plastic components. The objective was to ensure the Trophon EPR was economical to manufacture without compromising on quality.

Solution:

GoProto supported Nanosonics for the entire project, including the die casting, injection and compression moulding. From the beginning our team reviewed the product design and made several Design for Manufacture (DFM) suggestions to improve the products manufacturability.

Without jeopardising quality or functionality, we were able to reduce part complexity and the number of production tools from 40 to just 33.

Results:

By leveraging from GoProto's manufacturing experience, Nanosonics saved up to 30% of the total tooling cost, as well as future savings in part manufacturing and assembly.



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