



# Product Resources



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<https://www.youtube.com/channel/UCc5heg-KeWN0Gm0Gfgd7NZw>

Contract Manufacturer Product Resources offers complex product design, engineering excellence and turnkey manufacturing services serving the medical, scientific and industrial communities. Product Resources is a contract development manufacturing organization that offers expertise in complex product design, engineering and manufacturing for scientific, medical devices and industrial equipment. Our contract manufacturing services specialize in instrumentation, motion control, optics, pressure measurement, microfluidics and embedded systems. As a complex product development and prototype engineering company and a contract manufacturing company, Product Resources brings a highly technical and multi-disciplined approach to both contract manufacturing and product development outsourcing. We design products to be built and we build the products we design; the transition to manufacturing is seamless because we handle the process internally. Clients turn to us when they want third party manufacturing to build complex, technically advanced instruments, devices and other products.

Product Resources holds three key ISO certifications:

ISO 9001-2015 for design and manufacturing

ISO 13485 for medical device manufacturing

ISO/IEC 80079-34 for explosive atmosphere design

Medical Device Contract Manufacturing: Product Resources specializes in Class I and Class II medical device contract manufacturing and are certified to ISO 13485 for medical device manufacturing.

Explosive Atmosphere Contract Manufacturing: We specialize in design and contract manufacturing product for Explosive Atmospheres. We work within the requirements of UL913 and ATEX and have experience with Intrinsic Safety and Explosion-proof products. Our quality system is also audited to the EN80079-34.

Product deliverables may include one or more of the following:

automation

robotic applications

integrated systems

electro-mechanical assembly

complex instrumentation

electronic systems

life science instrumentation

medical devices

precision mechanical systems

Regulatory compliance

Every design and manufacturing project needs to move forward with one eye steadily focused on the appropriate regulatory requirements.

Which requirements you face will depend on your product and where you plan to distribute it.

Every product will be subject to a range of consumer protection, environmental, workplace safety and performance standards.

Compliance is needed throughout the product development process– from the suppliers' raw materials to design and manufacturing to distribution and supply chain management.

We work in accordance with all major industry standards such as CSA, FM, CE, and UL. Our team has experience with regulatory agencies from all parts of the globe.

Our end-to-end product development solutions as a contract manufacturer ensures seamless transition from design to turnkey contract manufacturing and field support:

Product design/engineering – prototype development, proof of concept, product testing, regulatory compliance

Contract manufacturing – complex product assembly and testing, short-to-medium volume

Post-production services/support – inventory management, replacement parts, maintenance, calibration, repair



