



Mechanical Design Engineer

Rheonix, Inc., with its novel microfluidic chip technology to develop diagnostic and drug discovery products to address some of the hottest issues in global healthcare today, has an immediate opening for a **Mechanical Design Engineer**. Qualified individuals interested in joining a team dedicated to bringing the latest microfluidic technology to the global marketplace are encouraged to apply. We offer a stimulating and challenging entrepreneurial environment with the opportunity to play a key role in the growth of our Company.

Education / Training / Experience:

BS in Mechanical Engineering, Physics, or other relevant disciplines.

Minimum 2 years of multifaceted experience in electro mechanical systems design.

A thorough understanding of 3D modeling software, preferably Solidworks,

A thorough understanding of machining processes, including vertical milling and lathe.

Knowledge of machine design, electrical systems, instrumentation design, and electronics is desirable.

Prior experience in medical product design and quality control processes is desirable.

Key Responsibilities:

Responsibilities will span the entire development spectrum ranging from review and definition of technical objectives to planning validation test requirements including,

Assisting in the design and development of medical diagnostics, specifically in the area of molecular diagnostic systems.

Perform system level planning and testing of mechanical systems in order to determine sub-component specifications.

Oversee rapid prototyping in machine shop.

Perform the design, modeling, and analysis of new sub-components to fulfill the requirements of the system using a variety of design tools.

Work with a multidisciplinary team that includes fabrication, electronics design, biochemists, and test engineers to determine a manufacturing solutions.

Perform problem-solving analysis of test data to determine root cause of problems and best-case solution.

Support team in initial use and testing of components in designs.

***Rheonix, Inc. is proud to be an Equal Opportunity
and an Affirmative Action Employer***