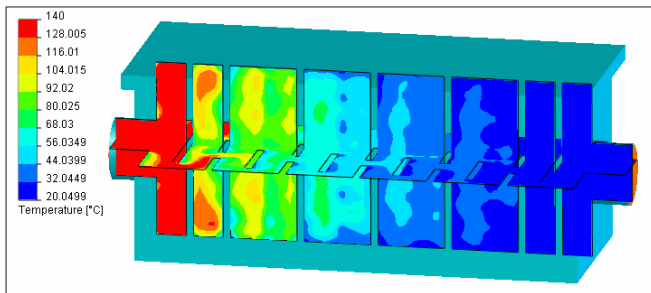


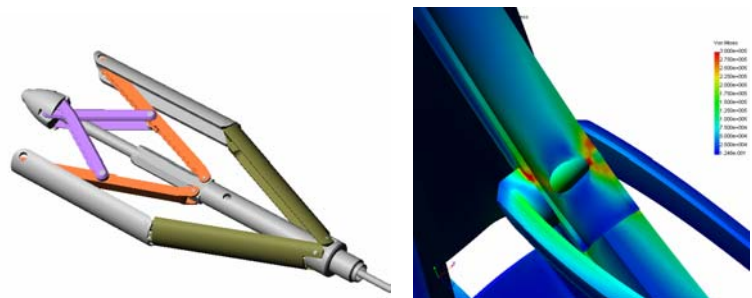
Sigma Design Company Provides Creative Design Solutions and Engineering Analysis for the Development of New Products and the Specialty Machinery To Support Them.

NEW PRODUCT DEVELOPMENT - MANUFACTURING SYSTEM TROUBLE SHOOTING
 DEVELOPMENT AND ANALYSIS OF COMPLEX MECHANISMS AND INTRICATE PROCESS EQUIPMENT
 MATERIAL SELECTION – HEAT TRANSFER – STRESS – MOTION AND FLUID FLOW ANALYSIS

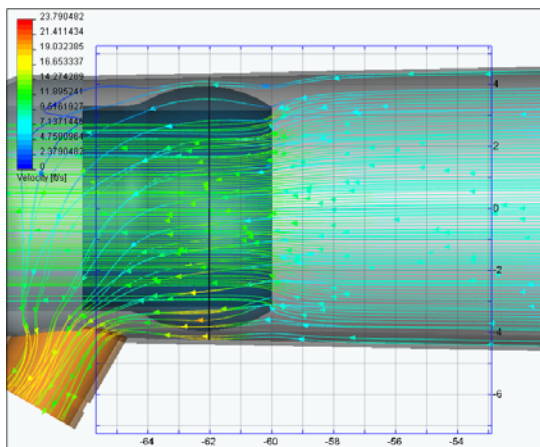


Heat Transfer - Finite Element Analysis
 Developed 3D Model to Optimize
 Hot Nitrogen Cooling Plenum Design

- BENEFITS:**
1. Advanced Engineering Analysis lets you better understand your product and it's limitations.
 2. Visualization of actual deflections, stress levels, heat transfer and fluid flow profiles in parts and assemblies that may have been ignored in the past.
 3. Uncover non-obvious and sometimes counter intuitive design flaws early and fix them.



Kinematic Simulation and
 Stress Analysis of a Heart Dilator.



Computational Fluid Dynamics Analysis
 Centrifugal Particle Separation and Hydrodynamic
 Swirl in an Industrial Water System.