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MEDICINE VALVE DESIGN VALIDATION TEST STAND

Market driver:

Develop reliable, low-cost, expendable medical valve for integration into critical drug delivery systems.

Test requirement:

Assure product design and functionality of the product and prove the production process during the initial development and introduction to manufacturing.

CTS Solution:

CTS designed a servo controlled test fixture to measure the force – distance signature of the component when functionally exercised repeatedly to determine the memory and reliability of the design materials. Continued audit testing of the early production units provided data to correct early issues and provided validation of the manufacturing process.

