



CASE STUDY

INDUSTRY	Biomedical & Pharmaceutical
CLIENT	Contract Manufacturer & Developer
TYPE OF EQUIPMENT	Parameter Walk-In Stability Chamber
CONDITIONS REQUIRED	Various, Depending on Application
PURPOSE	Installation & Qualification
CHALLENGES FACED	<ul style="list-style-type: none"> • Customer’s existing non-Parameter chamber needed to be relocated and installed at the same time a new Parameter chamber was installed. • The older, non-Parameter chamber had issues maintaining correct humidity levels. • Qualification needed to be performed on Parameter units.

A leading biomedical and pharmaceutical contract manufacturer purchased a new Parameter Walk-In Stability Chamber to use in stability and release testing for materials manufactured by the company. This new stability chamber required installation and qualification. The company also asked Parameter to relocate both non-Parameter and Parameter walk-in stability chambers to a new site and to qualify the Parameter chambers.

The older, non-Parameter chamber showed difficulties in maintaining the correct humidity, and once the company addressed the humidity issues, Parameter’s qualification technician completed installation of all chambers and qualification for the Parameter chambers.

According to the biomedical company’s leaders, Parameter provided excellent service and care in the relocation and installation of the chambers and in qualifications.

“We are very happy with the Parameter chambers and the qualification work that was performed,” a company representative said. “Parameter makes some of the best walk-in stability chambers in the industry and we wouldn’t purchase anything else.”

According to Parameter president Clay Hile, some key benefits of using walk-in chambers include:

- easy temperature and relative humidity calibrations,
- simple preventive maintenance,
- a dew point control system which uses much less energy than other stability control systems, and
- a PC-based monitoring system that monitors temperature, relative humidity, saturator, and mechanical outputs.

The walk-in chamber was custom designed for the company’s precise specifications and thoroughly tested prior to installation, as all Parameter rooms are.