

Application

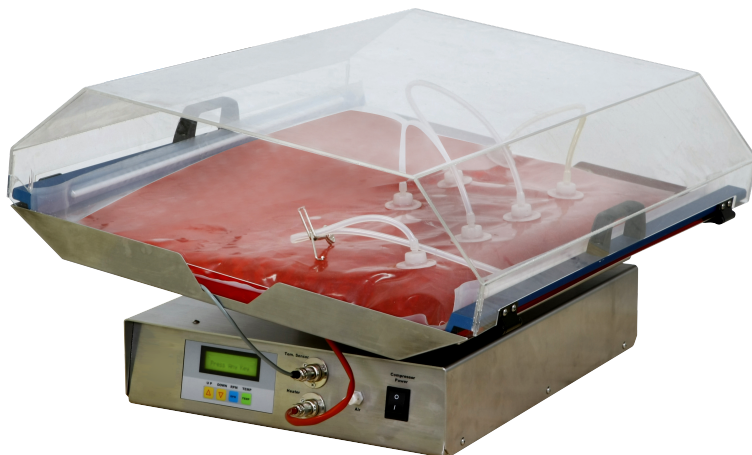
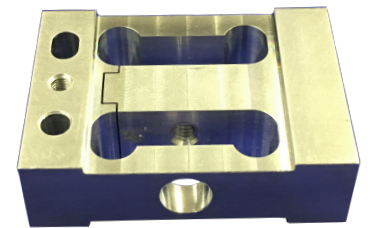
Market: Bioprocessing
Product Line: Load Cells

Rocking Bioreactor System

Application: Customer is building single use culture growing systems. Their instrument “rocks” the culture in order to promote growth. This is done by moving liquid around the cultures by rocking a bag back and forth, and forward and backward. Mixing and exposing the cells in liquid to oxygen in the bag. Each device has sensors which are used to monitor the motion of the culture during the process.

Customer Challenge: In need of a stable, high quality device to sense the force applied to the cultures while being rocked. Desired a supplier who could quickly and effectively troubleshoot any issues.

SMD Sensor Solution: Strain Measurement Devices provided the customer with a standard model **S500** load cell with custom bar codes, and mounting for the customer’s culture growing system. SMD solved quality problems from a previous supplier, providing the customer with performance data, and delivering rapid customer requested changes.



Related Products:

S500 Load Cell
S251 Miniature Load Cell
S252 Miniature Load Cell
S300 Load Cell
E110 Signal Conditioning Board
E120 Signal Conditioning Board
4000 Panel Meter