

Monitor fluid pressure on dispensing system

APPLICATION C195

Type of Company: [Manufacturer, Machinery](#)

Location: [Rhode Island](#)

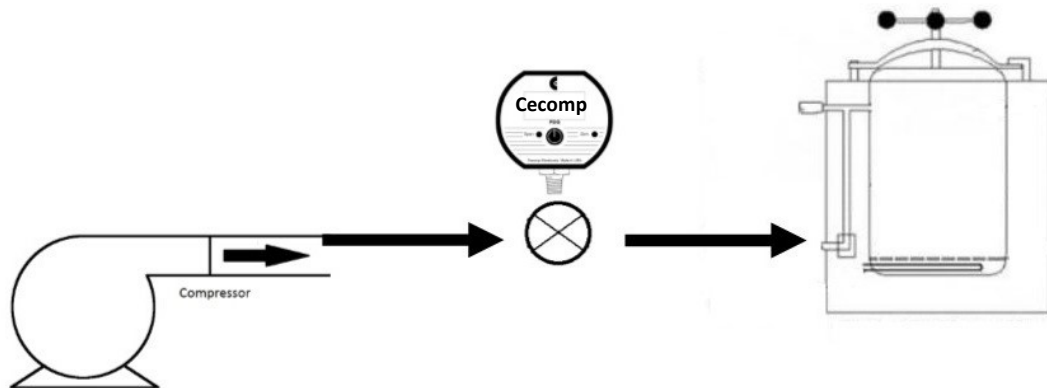
The customer designs and manufactures dispensing equipment and systems for industrial adhesives, lubricants, sealants and coatings, as well as equipment used in the testing and inspection of electronic components for curing and surface treatment processes. In a tank reservoir assembly, controlled fluid tank pressure is essential to ensure consistent, repeatable and accurate deposits from the dispense valve as well as to prevent fluid contamination, evaporation, and contain fumes. The customer needs to offer exceptional full-to-empty fluid pressure control, regardless of input



Photo by Udhayinfo1

The Engineering Issue

Their reservoir system uses a precision regulator which maintains an accurate and constant output pressure regardless of input pressure fluctuations. A rugged and accurate digital gauge was required that would allow each production shift to set the pressure accurately within tenths of psi with no analog readout error.



The engineer used a Cecomp DPG1000B to ensure constant, accurate monitoring of input pressures and fluctuations with this ultra-rugged digital pressure gauge.

Problem. Solved.