

ABSTRACT

**METHOD FOR ADJUSTING ZERO POINT FOR LOAD CELL IN A MOTOR-
DRIVEN INJECTION MOLDING MACHINE**

A motor-driven injection molding machine includes an injection device driven by a servo motor, and a load cell for detecting a pressure of a molten resin stored in front of a screw. A position detector detects a position of a screw, and a controller controls the servo motor in accordance with detected values obtained by the load cell and the position detector. The controller controls, in response to a command to adjust a zero point for the load cell, the servo motor to advance and retract the screw in an advancing movement and a retracting movement a plurality of times in a back and forth movement, and calculates an average value of a corresponding plurality of detected values obtained by the load cell during the back and forth movement of the screw to adjust the zero point for the load cell.

This Sheet Has Been Replaced

