



APPLICATION SUMMARY

Endoscopes allow doctors to see inside the patient to find anomalies during diagnostic, laparoscopic, or exploratory procedures. The movement of these devices are wire driven and provide little to no haptic feedback. This requires extensive training so that the operator can learn to judge applied force visually. Making the controls more intuitive to improve operator fidelity requires a force measurement system that can survive sterilization processes. This involves autoclavable in-line load cells installed inline with the control wires to create a haptic feedback control system for the endoscope.

PRODUCTS IN USE

Two Autoclavable In-line load cells

All FUTEK application illustrations are strictly conceptual. Please contact us with questions.

