



**APPLICATION SUMMARY**

For individuals who have lost part or all of a limb, rehabilitation is always a difficult process. For those who have undergone trans-tibial amputation, their prosthesis needs to mimic the tibia, ankle, and foot. FUTEK worked with Humotech in selecting a sensor for a trans-tibial prosthesis that could adapt to an individual's gait during rehabilitation. By mounting our LCM200 Miniature Threaded In-Line Load Cell in-line with a servo-driven cable system, Humotech was able to create a closed-loop system that adapts to the patient's gait for a speedier recovery and rehabilitation.

**PRODUCTS IN USE**

1 FUTEK LCM200 Miniature Threaded In-Line Load Cell paired with IDA100 Digitally Configurable Amplifier.

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