



Load Cell

LCM Series

Linear Actuator

Computer

PLC  
Data Acquisition

Amplifier

IAA Series

Digital Amplifier

IDA100

**APPLICATION SUMMARY**

Whether you are feeding a wire EDM machine, a wire stripper, or winding electric motor coils, precision wire tension is key to meet today's high performance standards. The key to precision wire tension control requires live monitoring of the wire tension. By utilizing a load cell in-line with the wire tensioner, a versatile wire tensioning system can be developed that can adapt to changing wire quality and conditions. Furthermore this adaptive system can maintain high coil winding quality and repeatability while maximizing process efficiency by preventing wire breakage.

**PRODUCTS IN USE**

1 In-Line Tension and Compression Load Cell (LCM Series) paired with Instrumentation (IAA Series or IDA100).

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