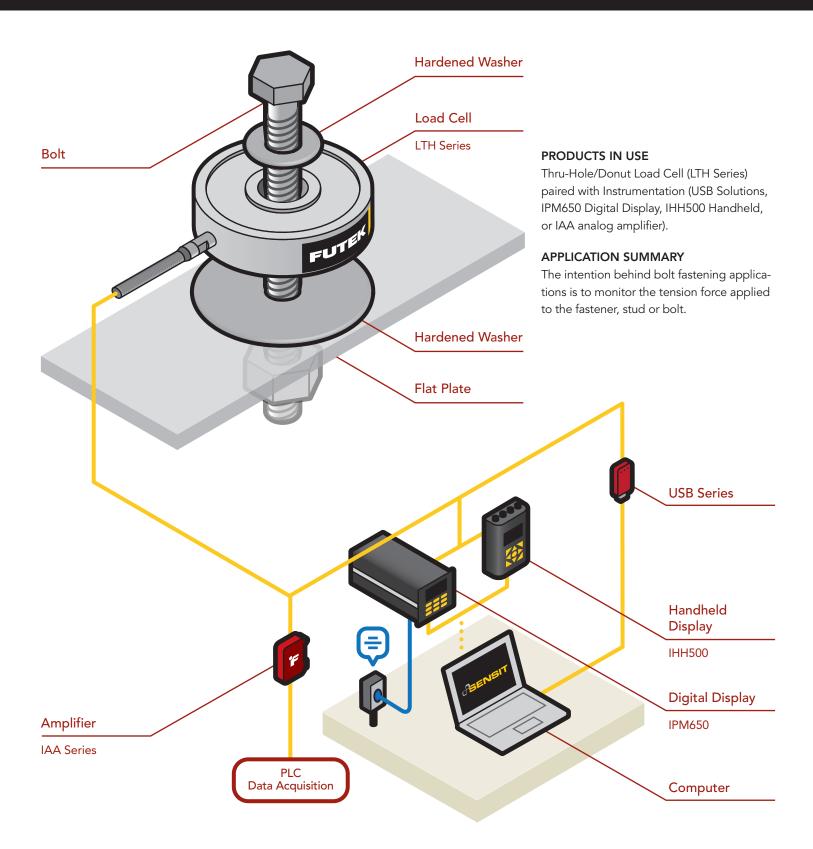
Applicazioni OEM

Il concetto di applicazione OEM si basa sulla perfetta integrazione del sensore nell'impianto e la sua ripetizione con elevati volumi. Impianto è un termine ampio e generico che abbraccia l'integrazione del sensore negli strumenti per il laboratorio, impianti di produzione e linee di processo; questo grazie alla versatilità e varietà dei sensori FUTEK, la cui produzione giornaliera è in una buona parte di sensori OEM.

Bolt Fastening	Wire Tension Measurement	Portable Crane Weighing
(Application 102)	(Application 104)	(Application 122)
Bite Force Measuring Study	Mass Flow Meter	Medical Behavioral Research
(Application 123)	(Application 125)	(Application 129)
OEM Syringe Test Stand	Syringe Test Stand	Humanoid Robot Load Cell
(Application 130)	(Application 131)	(Application 132)

Arbor Press Verification (Application 143)	Spring Testing System (Application 149)	Injection Molding Force Feedback (Application 159)
Precision Wire Tensioner (Application 166)		





sensori & trasduttori



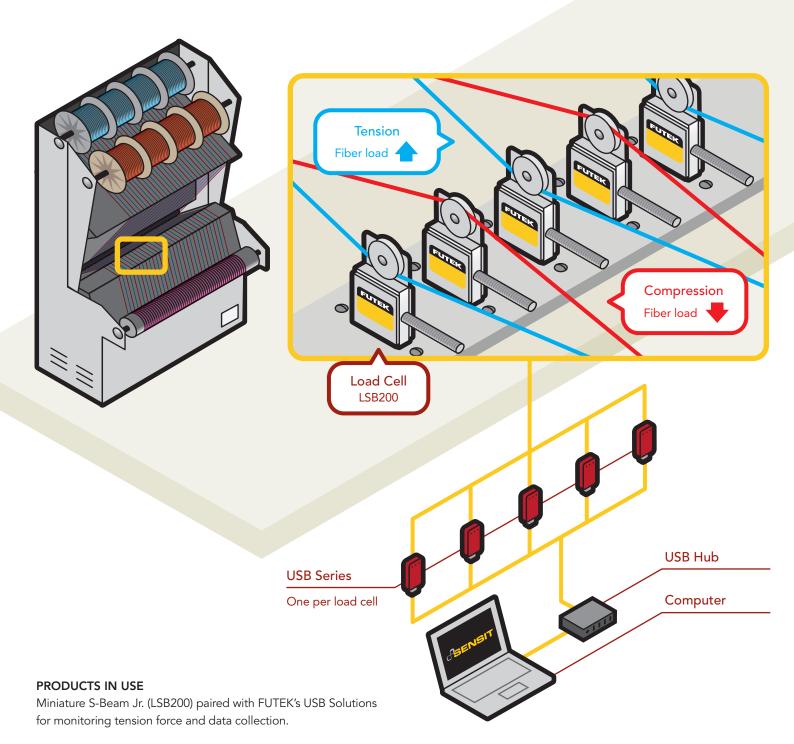












APPLICATION SUMMARY

Wire tension measurement is an integral part for manufacturers of fibers, cables, and even textile fabrics. This method of measurement allows manufactures to ensure their products fit their requirements.

Sensor Solution Source



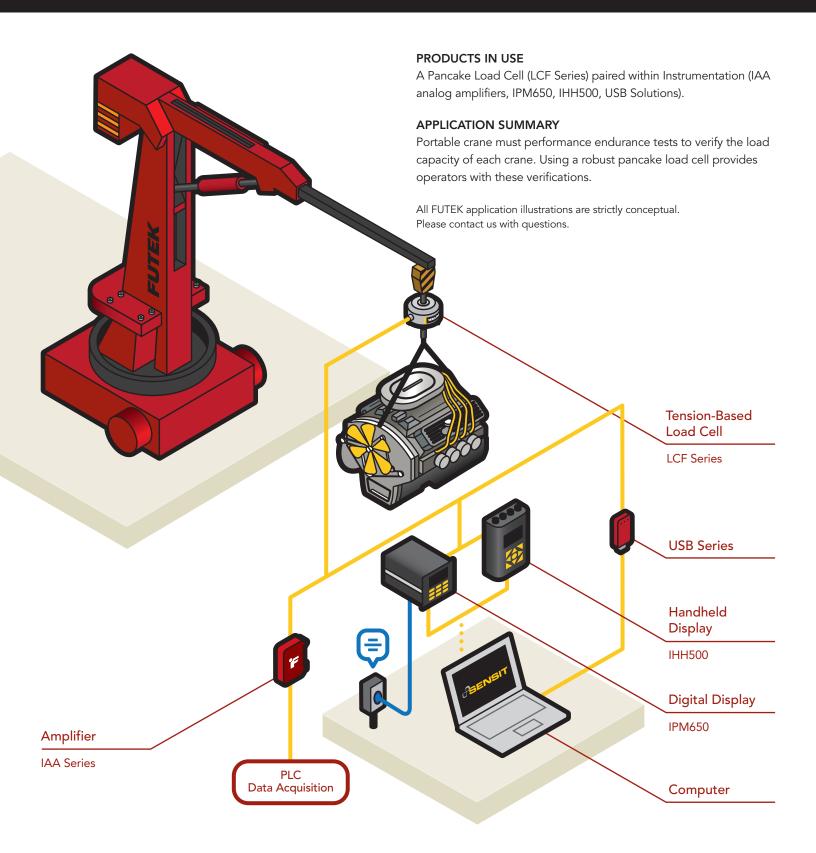














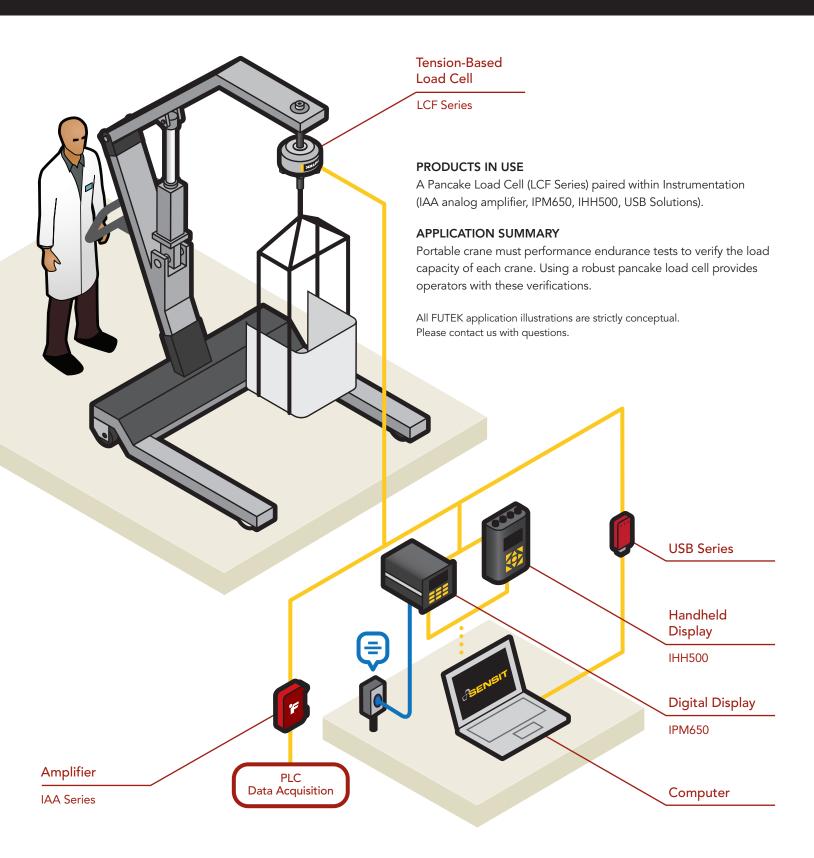














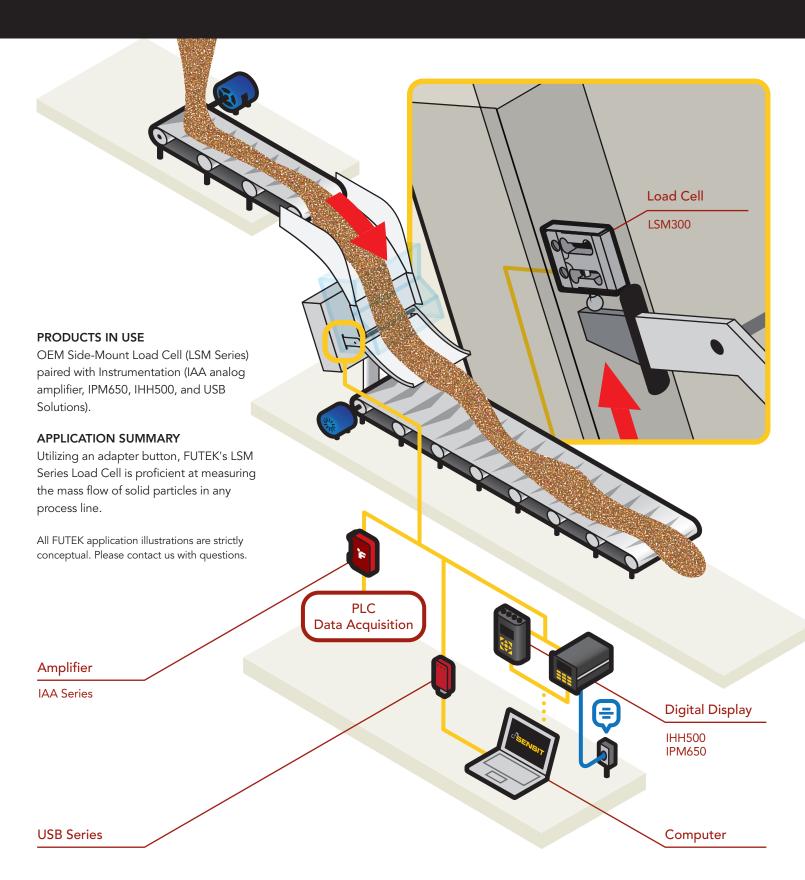














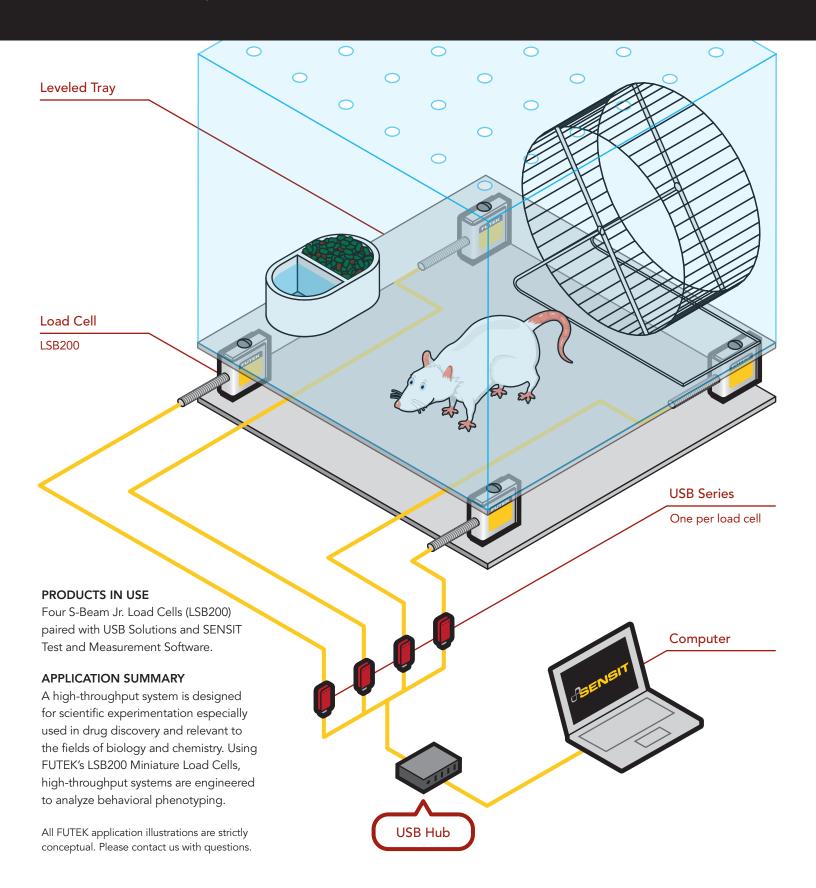












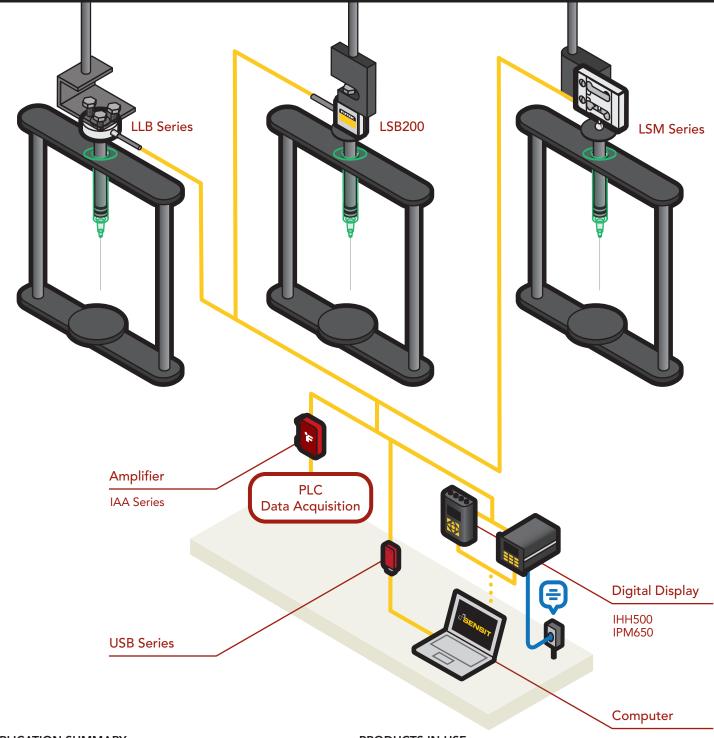












APPLICATION SUMMARY

Utilizing OEM load cells to audit syringes (infusion pumps) provides medical quality inspectors with assurance that these apparatuses will perform up to code.

PRODUCTS IN USE

One S-Beam Jr. Load Cell (LSB200), Side-Mount Series Load Cell (LSM Series), or Load Button Load Cell (LLB Series) paired with Instrumentation (IAA analog amplifier, IPM650, IHH500, or USB Solutions) and SENSITTM Test and Measurement Software.

Sensor Solution Source



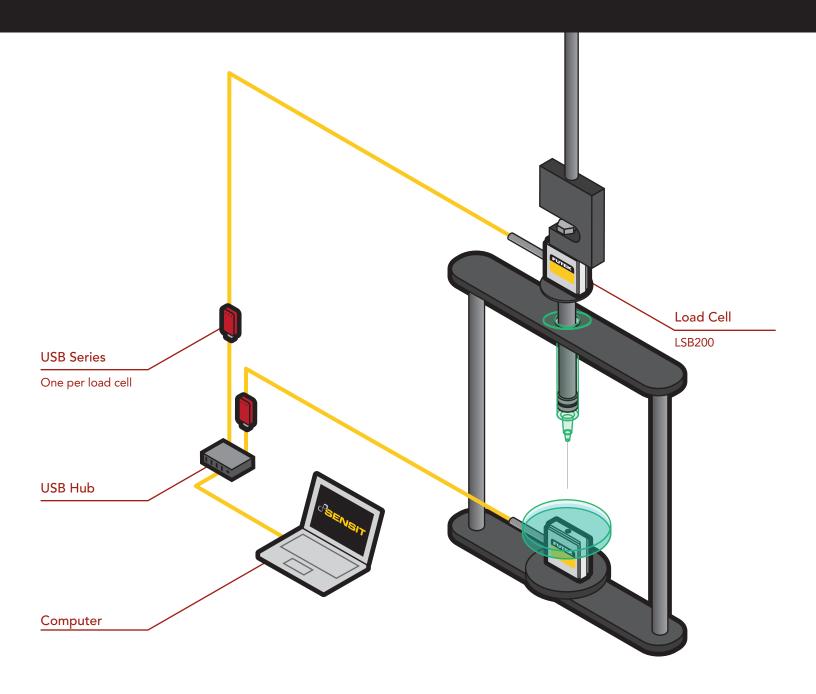












All FUTEK application illustrations are strictly conceptual. Please contact us with questions.

APPLICATION SUMMARY

Medical equipment requires precise testing. Utilizing FUTEK's LSB200 Miniature S-Beam Jr. provides quality inspectors with measurements down to the micro-gram on delicate applications, such as this syringe test stand (infusion pump).

PRODUCTS IN USE

Two S-Beam Jr. Load Cells (LSB200) paired with USB Solutions and SENSIT Test and Measurement Software.

Sensor Solution Source

 ${\sf Load} \cdot {\sf Torque} \cdot {\sf Pressure} \cdot {\sf Multi Axis} \cdot {\sf Calibration} \cdot {\sf Instruments} \cdot {\sf Software}$



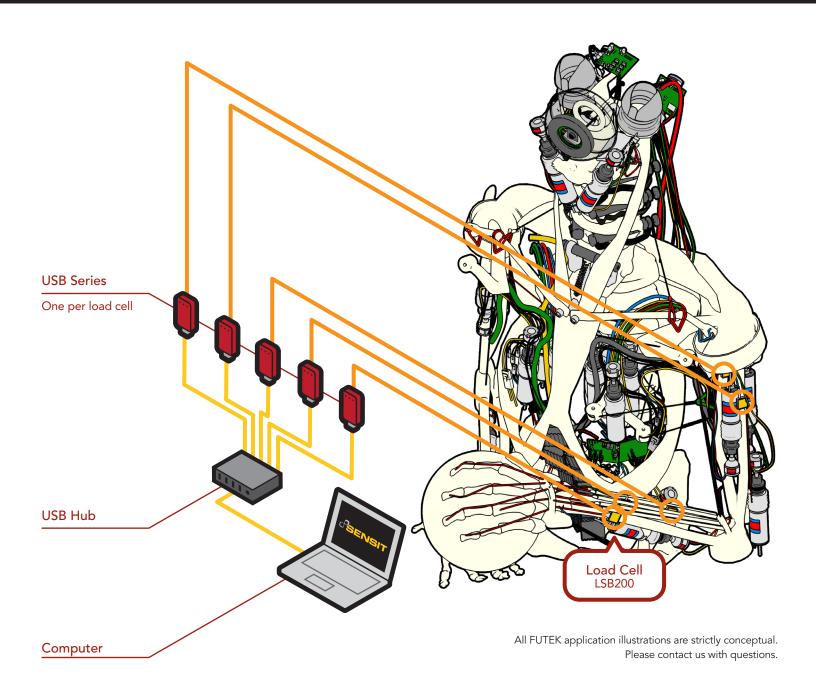












PRODUCTS IN USE

60+ Miniature S-Beam Jr. Load Cells (LSB200) with USB Solutions and SENSIT™ Test and Measurement Software.

APPLICATION SUMMARY

FUTEK partnered with The Robot Studio, a specialist in biometric robotic hardware, to construct a fully functional humanoid robot. Over 60 of FUTEK's LSB200 Miniature S-Beam Jr. Load Cells are in operation to monitor the robot's movements.

Sensor Solution Source



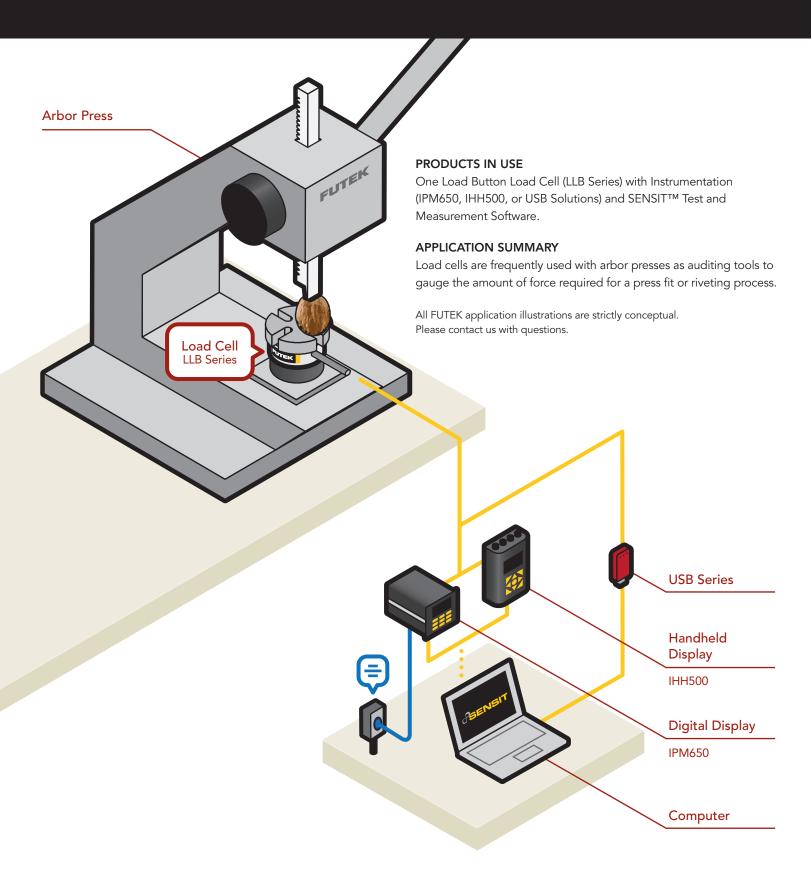












DSPM Industria*

sensori & trasduttori

Load Cells · Pressure Sensors · Torque Sensors · Instruments · Software







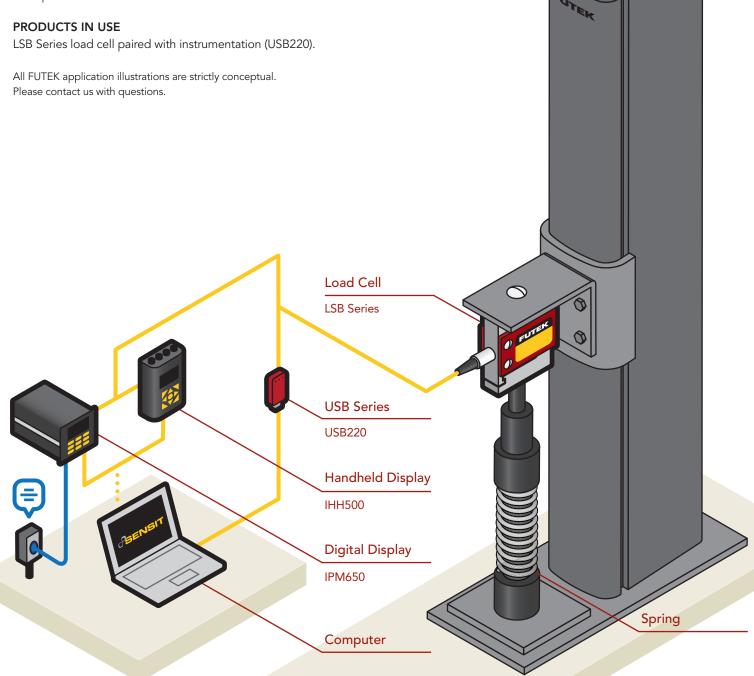






APPLICATION SUMMARY

Spring testing systems are ideal for high volume production testing, quality control inspection, and design engineering. In this automated spring testing system a S-Beam load cell (LSB Series) is fixed inline of the spring under test to measure the spring force in relation to its position.



Sensor Solution Source

 $\mathsf{Load} \cdot \mathsf{Torque} \cdot \mathsf{Pressure} \cdot \mathsf{Multi} \ \mathsf{Axis} \cdot \mathsf{Calibration} \cdot \mathsf{Instruments} \cdot \mathsf{Software}$

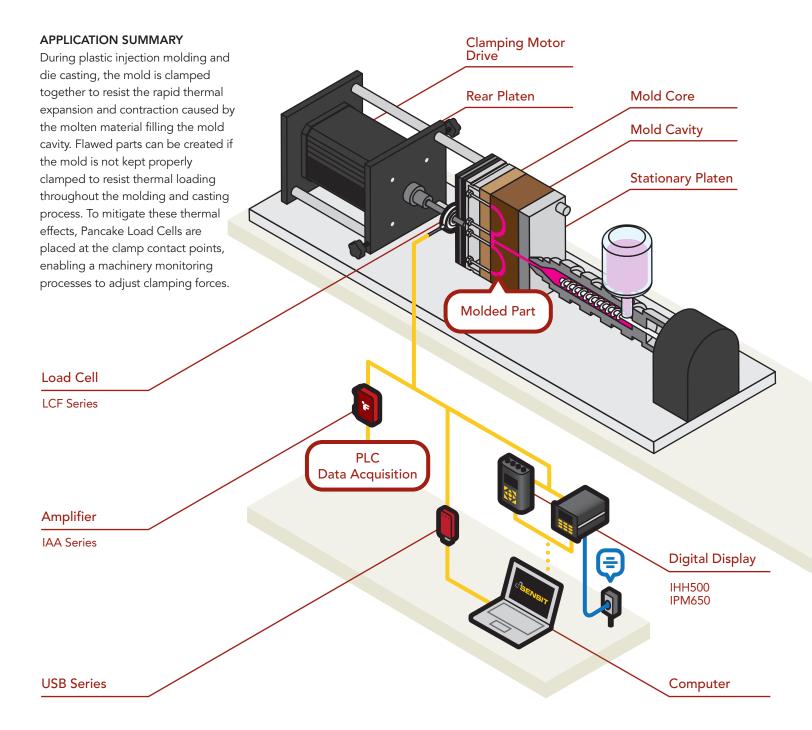












PRODUCTS IN USE

FUTEK's Universal Pancake Load Cells (LCF Series) coupled with the IAA Series analog amplifier for feedback into a PLC.

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

Sensor Solution Source



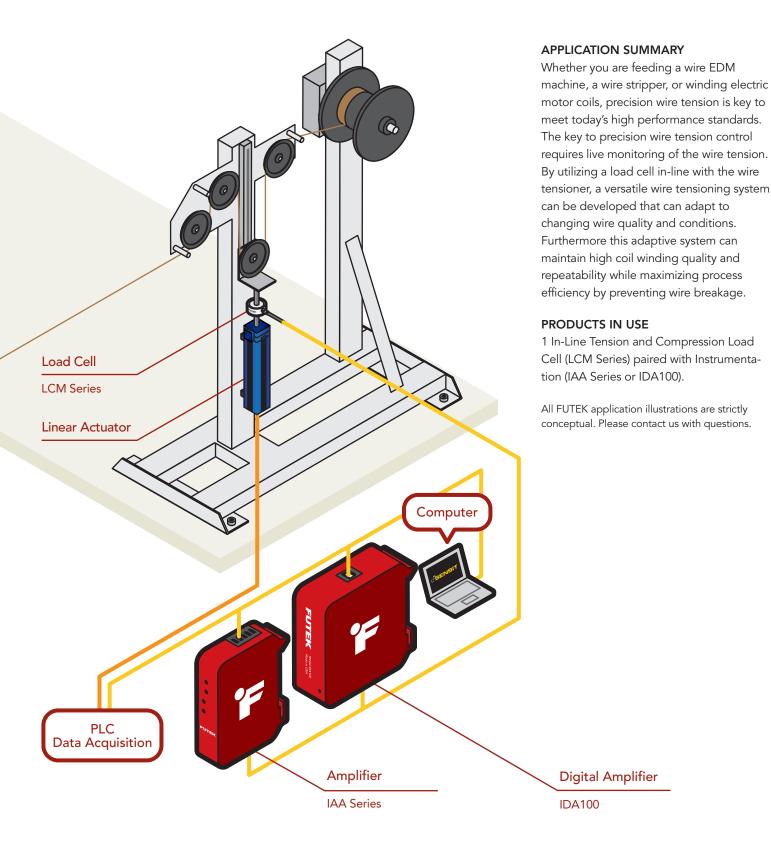












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