Motor

Load Cell

LTH350

2 × Retention Bracket

2 × Thrust Bearing

2 × Collar

Pump
Turbine

USB Series

Handheld
Display

IHH500

Digital
Controller

IDC305

Digital
Display

IPM650

SPI Bus

Computer

Microprocessor

APPLICATION SUMMARY

For turbines, drills, linear and lead screw actuators designed for long life and critical applications, shaft thrust needs to be measured to optimize systems performance and maximize bearing design and life. This requires a sensor, such as a donut load cell, that can operate in tension and compression to measure the thrust applied to the shaft.

PRODUCTS IN USE

One LTH350 Donut/Through Hole Load Cell paired with Instrumentation (IHH500, IPM650, USB220, IDC305)

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

Sensor Solution Source
Load · Torque · Pressure · Multi Axis · Calibration · Instruments · Software

www.futek.com

ISO
9001

ISO
17025

U.S. Manufacturer