

Stent and Catheter Testing Load Cell

Industry: Medical and Healthcare, Test and Measurement

Summary

Customer Challenge

Customer needs to apply known forces to stent and catheters to ensure they pass all necessary strength and flexibility testing.

Interface Solution

Model MBP Overload Protected Beam Miniature Load Cell is placed behind the guide wire for the stent or catheter. The motor will spin the linear drive and push the load cell and guide the wire through the testing maze. Model MBP Overload Protected Beam Miniature Load Cell is connected to Model DIG-USB PC Interface Module. All forces are measured and stored on PC.

Results

Customer was able to perform required testing and log to PC, followed by being able to review results and take actions as needed.

Materials

- MBP Overload Protected Beam Miniature Load Cell
- DIG-USB PC Interface Module
- Interconnect cable

How It Works

1. Install the MBP Overload Protected Beam Miniature Load Cell onto linear guide.
2. Connect the MBP Overload Protected Beam Miniature Load Cell to the DIG-USB PC Interface Module.
3. Connect the DIG-USB to customer's PC.
4. Forces measured by the MBP Overload Protected Beam Miniature Load Cell will be displayed and logged onto customer's PC.

