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## Interface 1331 Compression Only Load Cell



## Specifications

- Product Name: 1331 Compression Only Load Cell

- Industry: Infrastructure
- Model Number: 1331
- Interface: INF-USB3 Universal Serial Bus Single Channel PC Interface Module

## **Summary**

### **Customer Challenge**

Wood compression testing is used to test the strength, stiffness, and structural integrity of different types of wood. This is necessary for different industries where wood is implemented such as in construction, furniture making, and other scenarios. A force measurement system is needed during the testing operations.

### **Interface Solution**

The 1331 Compression Only Load Cell can be installed in the compression load frame. A wood compression test is conducted, and the force results are sent to the customer's computer using the INF-USB3 Universal Serial Bus Single Channel PC Interface Module.

### **Results**

Interface's compression load cell successfully measured the compression forces of the wood being tested.

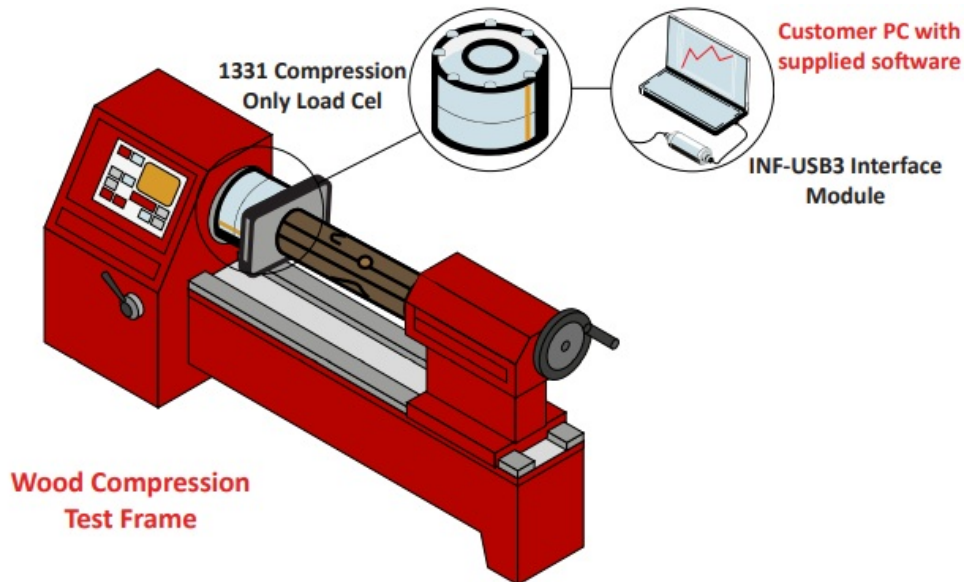
### **Materials**

- 1331 Compression Only Load Cell
- INF-USB3 Universal Serial Bus Single Channel PC Interface Module with supplied software
- Customer computer
- Customer compression test frame

### **How It Works**

1. The 1331 Compression Only Load Cell is installed into the wood compression test frame. A piece of wood is put under a compression test until failure.
2. The force results are sent through the INF-USB3 Universal Serial Bus Single Channel PC Interface Module to the customer's computer, where data can be displayed,

graphed, and logged with supplied software.



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## FAQ

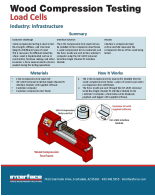
- **Q: What industries can benefit from using the Wood Compression Testing Load Cells?**

A: Industries such as construction, furniture making, and any other field where wood materials are used can benefit from these load cells to test wood strength and integrity.

- **Q: How do I interpret the force measurement results obtained from the load cells?**

A: The force measurement results represent the compression forces experienced by the wood sample during testing. These results can be analyzed to determine the strength characteristics of the wood material.

## Documents / Resources

	<a href="#">Interface 1331 Compression Only Load Cell [pdf]</a> Instructions 1331 Compression Only Load Cell, 1331, Compression Only Load Cell, Only Load Cell, Load Cell
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## References

- [User Manual](#)

1331, 1331 Compression Only Load Cell, Compression Only Load Cell, Interface, Load Cell, Only Load

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