

Witch's Cauldron Weighing Load Cells

Industry: Weighing

Summary

Customer Challenge

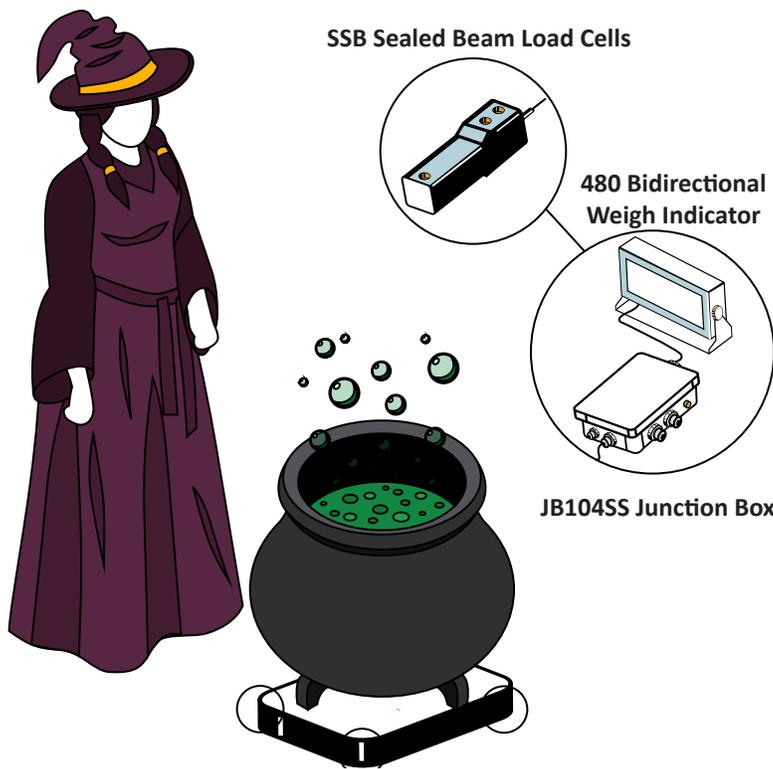
When a witch brews her potions, precise measurements are everything. Ingredients like dragon scales, phoenix feathers, and moonlit herbs must be carefully balanced in the cauldron. Once the brew is mixed, the potion itself needs to be weighed to ensure it has the proper magical potency before casting or bottling. A weighing system is required to measure the mass of the potion inside the cauldron.

Interface Solution

Interface's enchanted solution is to bolt four SSB Sealed Beam Load Cells beneath a sturdy platform that supports the witch's cauldron. As the potion simmers and grows heavier with each added ingredient, the SSB Sealed Beam Load Cells measure the force applied. All four load cells are connected to the JB104SS Junction Box, which channels the signals into the 480 Bidirectional Weight Indicator. The witch can then view the accurate combined weight of her bubbling concoction in real time.

Results

Interface's weighing system ensures that the cauldron's contents are measured with accuracy. This allows the witch to perfect her potion recipes.



Witch's Cauldron Weighing

Materials

- Four SSB Sealed Beam Load Cells
- JB104SS Junction Box
- 480 Bidirectional Weight Indicator
- Witch's Cauldron

How It Works

1. Four SSB Sealed Beam Load Cells are bolted beneath the platform that supports the cauldron..
2. The witch places her cauldron of potion onto the platform, where the weight is captured by the load cells.
3. The multiple SSBs are wired to the JB104SS Junction Box, which is then connected to the 480 Bidirectional Weight Indicator to display the precise combined measurement of the four load cells.