

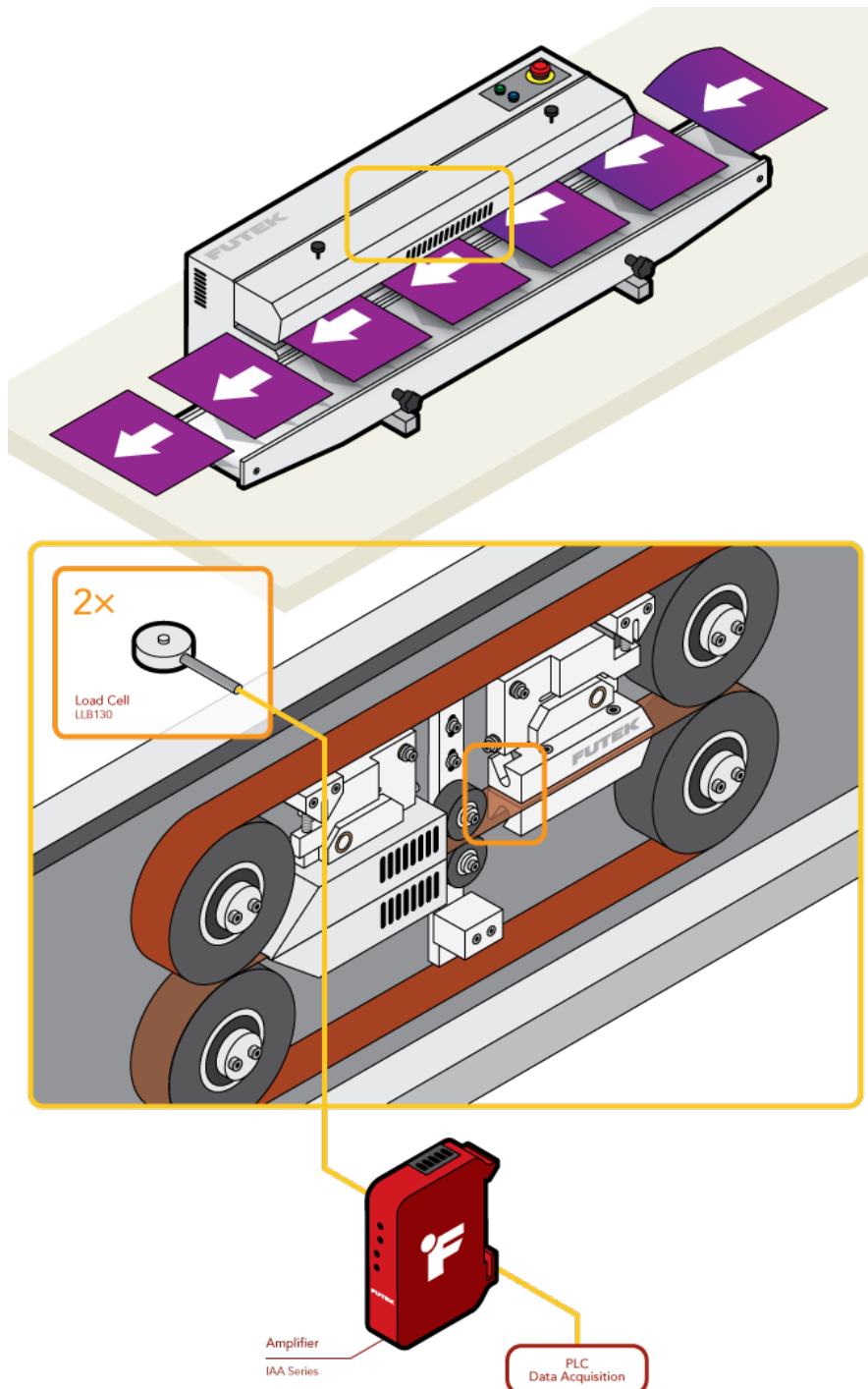


### 应用概述

对于无菌的和其它的密封包装，渗漏和部分破损的密封不总是那么明显。为了减轻并确保密封的完整性，验证热封力是至关重要的，过高 / 过低的密封应力都会导致密封过早失效。本应用采用了一对 LLB130 测力传感器来监测密封过程中施加给包装袋的力。

### 使用产品

FUTEK 超小型按钮测力传感器（LLB 系列），搭配 IAA 系列模拟放大器与 PLC 进行通讯。



### 测力传感器

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## 使用说明

1. In this application, a pair of Miniature Load Buttons is placed so the force exerted on the heater bars by the packaging can be measured.
2. As the pouch moves through the heater bars for sealing, the bars are forced outward, resulting in the load cell buttons measuring the applied force.
3. Utilizing two load cells ensures that the heater bars are spread apart evenly and functioning correctly mechanically.
4. The resulting load cell output is then amplified by the IAA Series Analog Amplifiers for input into the PLC allowing for fault monitoring and pouch seal verification.



### LLB130

微型按钮型力传感器

### IAA 系列

应变式放大器