



**Biological and  
Agricultural  
Engineering  
Department**

Disclosure 0728

## Continuous Flow Measuring Device

### **Description:**

This invention is a new type of device that can measure any parameter of liquid or gas moving through a continuously flowing electromagnetic system. This device measures parameters of materials at multiple points inside the electromagnetic field to get a more accurate and detailed reading of potential hot and cold spots. This helps ensure a consistent end product, reduces wasted materials during testing and can eliminate potential hazards from improper processing.

### **Advantage:**

- More accurate sensor readings
- More reliable end products
- Faster measurements
- Simple and inexpensive to manufacture
- Fits multiple sizes and materials
- Can be used inside continuous flow systems

### **Commercial Uses:**

- Food processing
- Chemical processing
- Water processing
- Validation of temperature profiles
- Validation of numerical models

### **Intellectual Property on the Web:**

[http://www.lsuagcenter.com/en/administration/about\\_us/chancellors\\_office/intellectual\\_property/](http://www.lsuagcenter.com/en/administration/about_us/chancellors_office/intellectual_property/)