



**Biological and
Agricultural
Engineering
Department**

Disclosure 0727

Cellular Heat Detection Method

Description:

This device is a temperature control system that controls and measures metabolic heat in cell cultures. Using infrared, this system eliminates outside interference from the surrounding devices and the environment to quickly provide the clearest resolution and the most accurate measurement of cellular heat. It can also test a large number of cells at once, meaning the less time is spent testing.

Advantage:

- More accurate measurements
- Higher temporal and spatial resolution
- Faster measuring
- Minimizes interference

Commercial Uses:

- Metabolic drug development
- Obesity drug development
- In vitro testing

Intellectual Property on the Web:

http://www.lsuagcenter.com/en/administration/about_us/chancellors_office/intellectual_property/