

## Preliminary Data Sheet

# JEFFCO InfraProbe IP01

## VIS/NIR Spectroscopic Probe for Direct Bulk Measurements

Jeffress Engineering is pleased to announce the **JEFFCO InfraProbe IP01** VIS/NIR Spectroscopic Probe for making direct parameter measurements in bulk materials such as grapes and grain in bins and trucks, without removing the product.

### Preliminary Specification Highlights

- Reflectance Spectrometer for non-homogeneous materials
- VIS-NIR range – 450nm to 1050nm
- Resolution better than 2 nm
- Large reading area – typically 50mm diameter
- All stainless steel construction
- Thermo-electrically cooled for stability in harsh environments
- Fibre optic communications cable for interference-free data
- Single point mounting
- Inbuilt light source – special, long-life custom globe
- Inbuilt Spectralon reference tile and referencing system
- Inbuilt mercury/argon source for wavelength calibration
- Specially designed for non-homogeneous materials
- Anticipated availability Q4 2011

