

# Luminar 5030

## ***Mini-Spectrometer***

The Brimrose Corporation has developed a new portable platform for conducting non-destructive and contact/non-contact analytical testing and inspection that extends versatility from the laboratory to the production floor and to the field.

The Luminar 5030 Mini-Spectrometer is a rugged hand-held analytical instrument that utilizes Brimrose's high performance AOTF-NIR (Acousto-Optic Tunable Filter- Near Infrared) technology. By delivering rapid, multi-component analysis for a wide variety of applications that include diffuse reflective measurements of powders, pellets, liquids, web-based and solid products, use of the Luminar 5030 offers a new powerful tool for quality control and process troubleshooting.

The Luminar 5030 Mini-Spectrometer consists of an integrated optical sensor module with light source, detector and electronics, battery-pack and operating/analytical software with PC interface

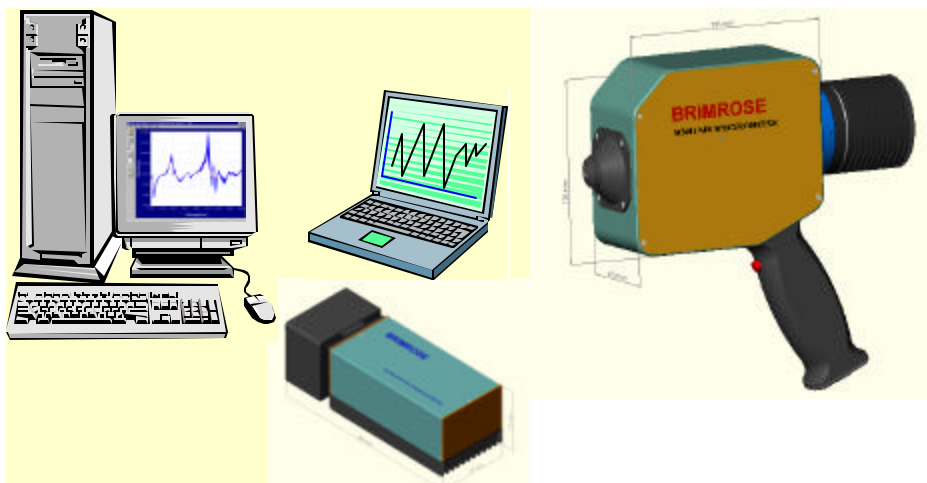
Contact Brimrose for additional information.

### Typical Applications

- Powders
- Polymer Pellets/Resins
- Paper/Textile Goods
- Fruit/Grain
- Liquids
- Raw Material ID

### Measurements

- Moisture
- Fat/ Sugar/Protein
- Active Ingredients
- Coating Weight
- Blend Assay
- Recycled Plastic ID



Luminar 5030 Hand Held FreeSpace™ Spectrometer with Battery Pack and PC Interface