

## Analytical Equipment

[ Transferring Ideas Into Reality ]

Ortec offers a wide variety of analytical equipment to ensure the quality of your products. For additional instrumentation not listed here, Ortec maintains a working relationship with the research laboratories of both Clemson University and Furman University. This relationship allows us to utilize the resources of these two universities for analyses that require Mass Spectroscopy, X-ray crystallography, etc. Each Plant site has access to instruments available at other locations.

### Easley

- GC with FID Detectors (Direct Inject and Head Space)
- HPLC (Isocratic) with UV and Refractive Index Detectors (GPC capable)
- FT-IR
- Light Scattering PSA
- Refractive Index
- Coulometric Karl Fischer
- Volumetric Karl Fischer
- Viscosity (RV, LV, SSA, Thermosel)
- pH
- Conductivity
- Potentiometric Autotitrator
- Various physical test methods (Flash point, density, etc.)
- Volumetric analysis

### Piedmont

- GC with FID Detectors (Direct Inject)
- HPLC (Binary) with UV and Refractive Index Detectors (GPC capable)
- HPLC (Quaternary) with UV Detector
- HPLC (Quaternary) with PDA Detector
- FT-IR with ATR Accessory
- Total Organic Carbon Analyzer
- Coulometric Karl Fischer
- Refractive Index
- Viscosity (RV, LV, SSA, Thermosel)
- pH
- Conductivity
- Potentiometric Autotitrator
- Various physical test methods (Melting point, density, etc.)
- Volumetric analysis
- Bioburden testing