Plastic ID Equipment

NIR and Sliding Spark Spectroscopy

Portable Raman Spectroscopy
NEW Plastic ID Equipment

RAPID ID Benefits
- Palm-sized, lightweight (312 grams)
- Single push button and scroll control
- Identifies most industrial plastic types and grades, including HDPE, LDPE, PC, PE, PTFE, PMMA, PP, PS, PVC and many more
- Reference library with multiple families including Acetals, Aminos, Celluloses, Engineering Plastics, Polyolefins, Polymides, Polyesters, Styrenes, Vinyls

Ideal Applications Include:
- Incoming materials verification
- Supplier material qualification
- Additives detection
- Field engineering analysis
- First-pass failure analysis
- Improved regulation compliance

The New Rapid-ID formerly known as the ReporteR
The Rapid-ID from Delta Nu

- Portable Size and Shape
- Battery life of 4 hours continuous use
- Library Builder Software is provided
- MS Windows compatible
- Date & Time sync
Raman Spectra

Fiber Identification

full spectra of a variety of polymers used in fibers
Raman Spectra

Differentiation between Nylons

NH stretch

Nylon 6
Nylon 6 6
Nylon 6 10
Nylon 6 12
Nylon 12
Poly-Ethylene
The Rapid-ID from Delta Nu

PA 66 Shaved Samples
The Rapid-ID from Delta Nu

TiO$_2$ 0.346%

PA 6 fiber sample