

PLASTICS & POLYMERS ANALYZER

Identification for Sorting & Recycling

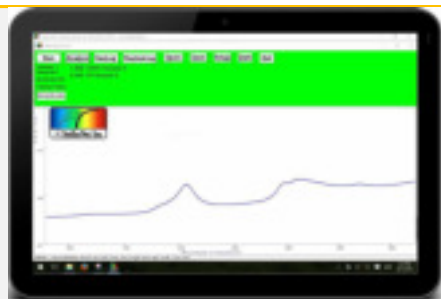
- *Rapid & non-destructive analysis of plastics, polymers, & fibers*
- *On-site portable to streamline inspection*
- *Carpet fiber identification*

Our Plastic and Polymer Analyzer can help improve sorting and screening of post-industrial and post-consumer materials. This helps improve quality of reprocessed materials.

The ChemWiz-ADK-PP and ChemWiz-ADK-Case-PP(for Plastics and Polymers) includes research-grade spectrometer instrumentation in either a handheld modular set-up or mounted in a portable and rugged case.

With a simple press of the “Analyze” button instantaneous match results displayed on your screen.

**ChemWiz-ADK-P and
ChemWiz-ADK-Case-P for
Plastics and Polymers**



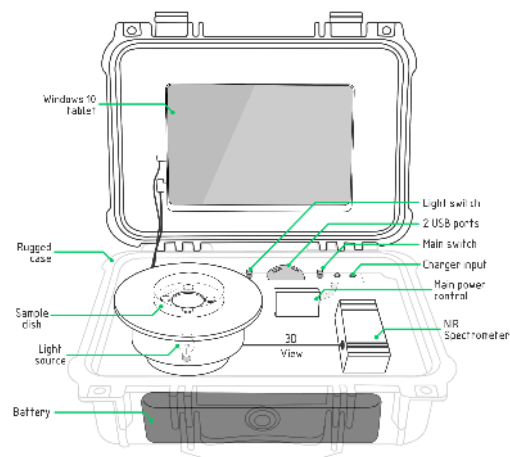
Simple user interface with
Displaying Plastic Match

Starter Plastic ID Package- Included with your system is our Starter Plastic ID Package with database save/search functionality. The database has been generated using recycled plastics including PETE – Polyethylene Terephthalate, HDPE – High density Polyethylene, PVC – Polyvinyl Chloride, LDPE Low-density Polyethylene, PP – Polypropylene, and PS – Polystyrene.

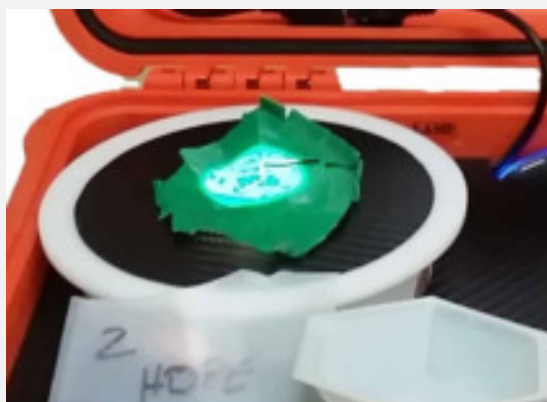


POLYMER ANALYSIS APPLICATIONS

- Post-industrial and post-consumer material identification
- Carpet fiber inspection
- Accurately sort plastic and polymer materials



SPECIFICATIONS



Spectrometer Range:	900-1700nm
Optical Resolution:	2.5nm
Detector Type:	InGaAs Photodiode array
Reflectance Source:	Tungsten Halogen
Optical Measurement:	3D reflectance, probe, or industrial fixture 8hr
Battery:	lithium ion
Lamp Power In:	350 mA @ 12 VDC
Dimensions:	Handheld 1.5 x 11 x 6.5" Case: 6 x 11 x 13"
Measurement Speed:	Typical 1-5 seconds
Tablet Specs:	Android
Software Included:	ChemWiz-ADK PRO
Starter Calibrations Included:	P- starter plastics database