

# LT –NIR Raw Material Identification

**IsoChem Raw Material Identification system is a cost effective solution for incoming material screening. Measure liquids or solids in seconds. On the receiving dock or in the Lab.**



The IsoChem ID Analysis System from LT Industries combines NIR technology with our unique sampling accessories and user friendly customizable software package for a precise and virtually maintenance free incoming materials inspection solution.

The IsoChem provides accurate results in seconds and can be operated by any level of user, from lab to receiving staff.

Based on LT's IsoChem chemical analyzers, the ID Analysis System library is compatible with other analyzers. This allows laboratory libraries to be quickly and easily implemented onto the warehouse.



## The Basic System

The IsoChem ID Analysis System is a robust instrument suitable for warehouse usage and comes equipped with

- Grams Chemometric Package for building discriminate unlimited number of libraries.
- OpCon-ID software for easy use and simple presentation of results
- Your choice of probes for the best match to your measurement needs.
- System training, calibration and set up as well as validation packages.
- Turn Key system includes library development thru validation



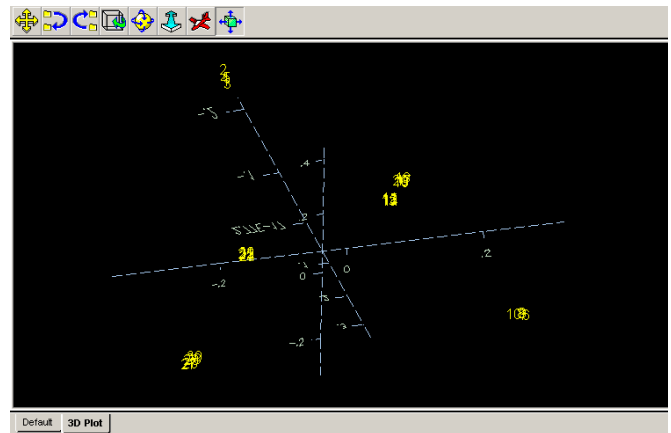
IsoChem ID Analysis system on industrial cart

## Libraries for Identification, Conformity, and more

Able to utilize thousands of product libraries at once, there is no limit to the number of products you can effectively control.

In addition to identification, the analyzer can also analyze for conformity. The IsoChem allows you to check for contamination or other variables that may make a product unusable.

The analyzer can also be calibrated for the analysis of specific properties. Quickly validate suppliers COA on the receiving dock.



3-D plotting software shows product discrimination

## Features

- Wide selection of probes to match your analysis needs
- Requires no sample preparation
- Easy to use Software, with customizable interface
- Robust field proven analyzers
- Measure Liquids, Powders, Slurries, etc.
- Visual Indicator of correct product Identification.
- Compatible with barcode readers for easy and accurate input of information
- Calibrations Transfer to other instruments

## Benefits

- Save money by preventing product errors due to material mix ups
- Save time and money by doing increased testing volumes with fewer lab resources
- Check product conformity as well as product identification
- Get real time product release
- Eliminate long waits for lab analysis
- Complete lifecycle management of every installation
- Rugged cart provides portability in industrial and harsh environments.