

Polychromix



Company Description

Polychromix is a leading developer of innovative cost-effective material analysis and spectroscopy solutions. Based on a patented MEMS (Micro-Electro-Mechanical-System) core technology, Polychromix is focused on delivering a new generation of portable and powerful analytical tools at unprecedented cost. By moving analytical instrumentation out of the lab and into the field, we are empowering technical and nontechnical users alike to perform precise quality control and analysis tasks.

Chief Spectroscopic Techniques Supported

- Portable NIR spectroscopy
- Handheld NIR spectroscopy
- Miniature OEM NIR spectroscopy modules

Markets Served

Polychromix products can be used to analyze any organic material with an NIR spectral signature. Our products are designed to be highly flexible to accommodate easy application development for a broad array of industries. The following are a few of the industries that we serve:

- Pharmaceutical: incoming raw material inspection and ID, process control
- Food and beverage: incoming raw material inspection and ID, process control.
- Plastics and carpet recycling: material ID
- Agricultural: ripeness analysis as well as other properties
- Paint and coatings: measurement of layer thickness and composition
- Aerospace: analysis of composite materials

Major Products/Services

- The Polychromix Phazir™ is the first handheld NIR material analyzer combining an NIR spectrometer, on-board computer, color display, and batteries. The Phazir provides spectra as well as application-specific analyzed data on the screen, usable by experts and nontechnical users alike with minimal training.
- OEM Process Control Modules: using Polychromix proprietary MEMS technology, these compact devices deliver high-performance at low cost.
- Application Solutions: chemometric application development and software implantation on the array of Polychromix analysis platforms.

Facilities

Polychromix is located in Wilmington, MA. We distribute products directly to our customers as well as through our worldwide distribution network. We also provide OEM modules for integration into partner applications and products. Please visit our website for additional contact information and to read more about our products.



Polychromix

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NUMBER OF EMPLOYEES
25

YEAR FOUNDED
2001

Circle x