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## **Analytik launches NEW microPHAZIR™ NIR material analyser**

Biggleswade, Beds – Analytik, announce the release of the new handheld Near-Infrared material analyser. Designed for rapid, non-destructive, on-the-spot analysis of a wide range of raw materials and finished products; the new microPHAZIR™ builds upon the successful and award winning PHAZIR™ platform, so well received throughout the UK and Ireland. The second generation analyser has undergone a full ergonomic re-design and is more compact and lighter than the original, now weighing only 1.2 kg (2.7 lbs).

With a new rear LCD display, and audio feedback, the dust proof and water resistant microPHAZIR™ offers the analytical capability of a full sized laboratory NIR system in a self contained, rugged, battery operated, handheld analyser. A barcode scanner for input of sample ID and automatic reference collection and internal calibration ensure the microPHAZIR™ is suitable for use by expert and non-expert alike in a variety of application areas including:

- Pharmaceutical materials identification
- Anti-counterfeiting and adulterated product check
- Plastic and carpet recycling
- Narcotics and explosives screening
- Asbestos screening
- Paints and coatings
- Agriculture, food and feed analysis

New software capability includes a mixture analysis function allowing multiple libraries to be searched for improved analysis of unknown materials. All existing PHAZIR™ libraries are fully transferable to the microPHAZIR™ including all pharmaceutical ingredients, narcotics, drug precursors and explosives for customs inspection. The PHAZIR™ suite of analysers designed for plastics and carpet recyclers, asbestos screening, textiles, coatings and phthalates in PVC for example are also fully transferable to the microPHAZIR™ format. Analysers based on NIR technology can benefit from the combination of multi component quantitative and qualitative analysis rather than qualitative analysis alone.

Suitable for the analysis of solids, liquids, slurries and pastes, a selection of sampling accessories are available including vial holders and a new fiber optic interface and probe.

To find out more about the microPHAZIR™, visit <http://www.analytik.co.uk/solutions.htm#handheld>.

The microPHAZIR™ is manufactured in the US by Polychromix, Inc, a world leader in portable spectroscopy solutions.



**Attachment: The New microPHAZIR™ NIR material analyser**

## **About Analytik:**

Analytik Ltd are specialised consultants and suppliers of unique, high quality analytical instrumentation throughout UK and Ireland. Innovative solutions from leading global instrumentation manufacturers, coupled with unparalleled customer support have enabled them to forge a reputation for excellence since their formation in 2003.

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