

PHAZIR™

Handheld Carpet Identifier

Overview

The Polychromix PHAZIR is the first of its kind fully handheld carpet identifier. Ergonomically designed for user friendly operation, the PHAZIR provides fast, accurate and reliable results!

Features

- Portable handheld solution
- Lightweight 4 lbs. device
- Color LCD screen
- Rear facing LED Indicators for quick material ID
- Rechargeable Li-Ion batteries with >10hr. operation time
- Minimal training required



Applications

- Materials identification
- Incoming material inspection
- Quality Control and Assurance
- Portable field use

Speed and Power

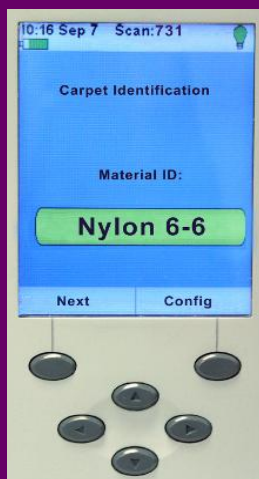
- **Identification of a variety of material types, including: PP, Nylon 6, Nylon 6-6, Wool, PET, PTT, Acrylics, Rayon**
- **Additional materials can be easily added via the web / email upgrades**
- Instantaneous analysis time

Portability and Durability

- **True Handheld - 4 lbs (1.8 kg)**
- Batteries allow over 10 hours of continued use
- High-strength, injection molded plastic housing withstands harsh analysis environments
- Safe for use - uses standard harmless light source

Ease of use

- Simple point and shoot operation
- Minimal training required
- Non destructive measurement
- Color display with advanced and intuitive user interface
- All data stored in memory and downloadable to PC for logging or additional processing



For additional information please contact:

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PHAZIR™ Handheld Carpet Identifier

Phazir™ Specifications

| | |
|-------------------------------|---|
| Principle of Operation | Non-destructive chemical analysis via Near Infrared Spectroscopy |
| Weight | 4 lbs (1.8kg) |
| Dimensions | 10 x 11.5 x 6 inches (254 x 292 x 152 mm) |
| Light Source | Tungsten light bulb > 2 year typical lifetime, user replaceable |
| Calibration | Calibration standard provided for fast and easy field calibration. |
| Measurement time | Instantaneous reading. |
| Display | Transflective ½ VGA color LCD display, visible in or outdoors. |
| LED Indicators | 6 LEDs for quick material ID of: Nylon 6, Nylon 6-6, PET, PP, Other and No-ID |
| Internal data storage | All readings stored in internal memory and can be offloaded to PC |
| Data Download | Transfer data in text based files to a PC via USB connection. Easily transfer data to all types of applications. |
| Data entry | Via 4 navigation buttons and 2 multipurpose soft-buttons |
| Security | User selectable password protection with multiple security levels. |
| Carrying case | Rugged plastic waterproof case |
| Operating conditions | Temperature range 40 ⁰ to 105 ⁰ F (5 ⁰ to 40 ⁰ C ⁰) |
| Batteries | Rechargeable >10 hour lithium-ion battery pack. AC battery charger included. |
| Housing | High-strength, dust proof/splash proof plastic housing |
| Standard accessories | <ul style="list-style-type: none">▪ Rugged waterproof carrying case▪ 110/220 VAC battery charger/adapter▪ PC Interface cable▪ Documentation CD▪ Safety Lanyard▪ Reference / Calibration cap▪ Spare light-bulb and replacement tools |
| Training | Call +1-978-284-6000 to enquire about Polychromix training schedules or on site training coordination. |
| Warranty | Minimum 12-month limited warranty, parts and labor. Additional warranties and optional extended warranties and service contracts vary by country. Please contact Polychromix or your local Polychromix representative for details. |

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