

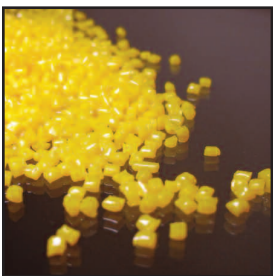
Take real-time  
control over quality  
and costs with  
**RAPID·ID**



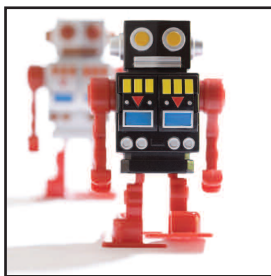
The palm-sized plastics identifier from **DeltaNu**

**RAPID·ID**: the most affordable materials identification device that delivers fast, non-destructive results where you need them.

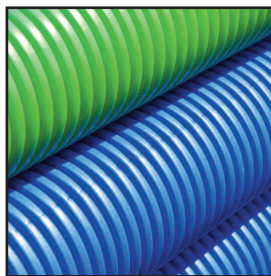
DeltaNu, the leader in portable Raman spectroscopy instruments, has designed the smallest, lightest solution for cost-effective plastics identification. **RAPID·ID**™ delivers highly accurate results wherever testing is needed. **RAPID·ID** literally fits in the palm of your hand. In a single 20-second test, **RAPID·ID** will detect both pure and compounded plastics, making it the perfect solution for virtually anyone whose job it is to identify plastics. **RAPID·ID** identifies and verifies the composition of raw materials and plastic-based products — from pellets to imported toys, from industrial and consumer goods to synthetic fibers and recycled plastics — anywhere, any time.



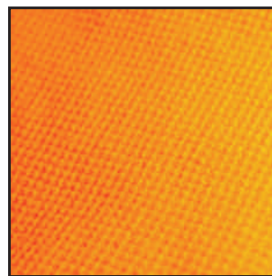
Resins



Imported Goods



Commercial Plastic Piping



Synthetic Fibers



Recycled Plastics

# RAPID•ID identifies plastics in seconds anywhere, any time.

## Put material analysis in the palm of your hand

DeltaNu's powerful, proven Raman technology is like holding an analytical lab in your hand. With the click of a button, the **RAPID•ID** can accurately verify or identify plastics by comparing their unique molecular fingerprint to that of known reference materials stored in a pre-loaded spectral library. The results are then revealed on its bright OLED display. You will also have access to an expandable library of chemicals and mixtures that may be stored on your PC and downloaded to the **RAPID•ID**. The system also allows you to create your own references in less than a minute.

### RAPID•ID Benefits

- Palm-sized: 13.3 x 6.4 x 3.8cm
- Robust packaging and lightweight: only 312 grams
- Single push button and scroll control
- Identifies most industrial plastic types and grades, including PET, PETG, PC, PE, PMMA, PP, PS, PVC and many more
- Reference library with multiple families including: Acetals, Amines, Cellulose, Engineering Plastics, Polyolefins, Polyamides, Polyesters, Styrenes, Vinyls

#### IDEAL APPLICATIONS INCLUDE:

- Incoming materials verification
- Supplier material qualification
- Additives detection
- Field engineering analysis
- First-pass failure analysis
- Improved regulation compliance

## Lower your overall costs with **RAPID•ID**

No longer will you be subject to old burn-and-sniff tests. Raman technology eliminates the hazards to personnel and the sample destruction inherent in the outdated methods currently in use. **RAPID•ID** can even test materials through transparent bags and some glass containers.

### RAPID•ID ADHERES TO LEAN MANUFACTURING PRINCIPLES BY EFFECTIVELY ADDRESSING THE SEVEN SOURCES OF WASTE

#### 1. TRANSPORTATION

On-site testing allows material to move from receiving into production.

#### 2. INVENTORY

Real-time results reduce the cost of stocking buffer inventory required to accommodate QC time.

#### 3. MOTION

Simple, fast operation allows materials to be tested in bin and moved directly to the point-of-use.

#### 4. WAITING

Get results in seconds, not days or weeks.

#### 5. OVER-PRODUCTION

Detects purity levels and contaminants at the production line before it's too late.

#### 6. OVER-PROCESSING

Stores downloadable results in memory, simplifying record-keeping.

#### 7. DEFECTS

Minimizes defects through 100% inspection and quality assurance.

## Use safe, non-destructive analysis

With **RAPID•ID**'s instant ID capability, users have total mobility. Materials can move directly from receiving to production, eliminating the need to purchase and stock excess inventory. **RAPID•ID** also helps you avoid contamination of your production line with unverified products.

**RAPID•ID** reduces the chance of potential liabilities due to material mixups, increases efficiency and productivity and decreases ongoing costs. **RAPID•ID**'s initial affordability is just the beginning of a smart, profitable investment.



START TAKING  
REAL-TIME CONTROL  
OVER QUALITY AND  
COSTS TODAY WITH **RAPID•ID**.

INTEVAC PHOTONICS: INNOVATION AT THE SPEED OF LIGHT®

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