

ProgenyTM ResQTM

**Reduce fluorescence interference
with the 1064nm advantage –
the new generation in
handheld chemical detection.**

For first responders and law enforcement agencies who are facing an increase in sophisticated threats and the circulation of illegal narcotics, Progeny ResQ provides the industry's most comprehensive chemical detection range in a handheld form. With the use of 1064nm Raman, Progeny ResQ reduces sample fluorescence interference issues, allowing emergency responders to identify more substances.

By integrating Progeny ResQ into routine response tactics, users can expect the ability to:

- **Collect analysis in any environment with a rugged, MIL-STD-810G tested tool**
- **Easily navigate using large buttons and a bright screen display for use in the field**
- **Increase confidence with largest standard library or easily adapt for emerging threats**
- **Measure more substances, including colored materials or through containers**
- **Expand incident response with automatic alerts of potentially dangerous combinations**

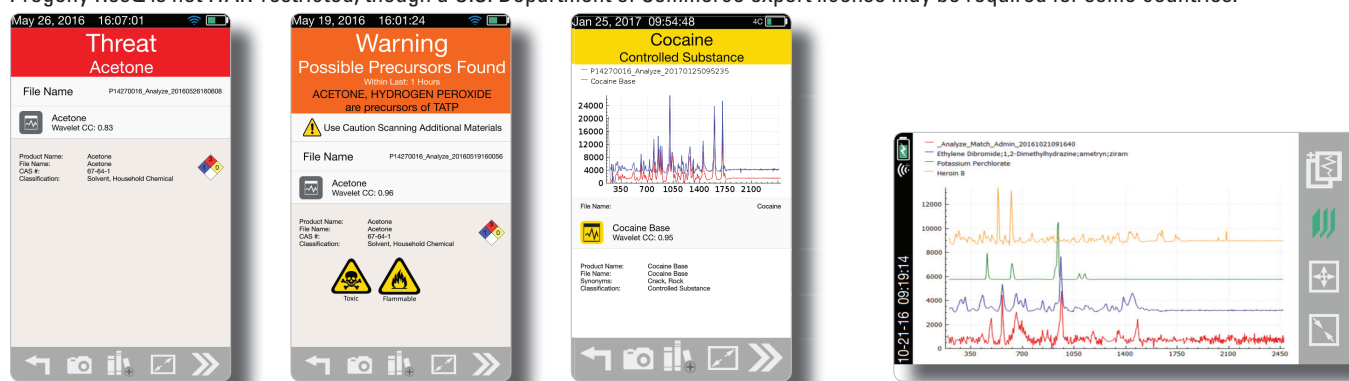


www.rigakuanalytical.com

Progeny ResQ is a cutting-edge chemical detection system that uses Raman spectroscopy to identify unknown compounds. First responders can now use handheld Raman spectrometers to bring analytical technology to the point of need, which minimizes the impact of real-world HAZMAT incidences, terrorist threats, and drug trafficking.

PROGENY RESQ SPECIFICATIONS		
Mode of Operation	Handheld, with optional docking station	Efficiently identify threats at the point of need Includes measurement delay timer (up to 10 minutes) for additional safety
Excitation Wavelength	1064nm	Measure a broader range of substances
Output Power	30-490 mW adjustable laser excitation power	Allows for customization of analysis parameters to obtain most accurate analysis of your specific materials
Graphical User Interface with QuickDetect™ Software	Touchscreen and softkeys	Smartphone-inspired with bright, touchscreen display or large button navigation for protective glove use
Digital Camera	On-board	Record sample evidence and store with analysis
Reporting Capabilities	On-board	Immediate PDF generation and transfer of results with camera images
Included Standard Library	Yes	Up to 13,000 compounds including CWA, explosives, TIC/TIM, narcotics
User-Created Library	Yes	Easily adaptable for new, emerging threats into custom library; export to share with other Progeny ResQ users worldwide
Threat Recipe Alerts with 4C™ Technology	Automatic	Expands incident response by warning users of potential dangerous combinations
Data Transfer	Yes	Transfer results via WiFi or USB
Operating Temperature	-20 to 50°C	
Certification	MIL-810-G, IP-68	
Battery	>5hrs	Long-lasting charge with options for a recharger or docking station for 24/7 operation
External Power	100~240VAC/+18VDC	
Size	29.9cm x 8.1cm x 7.4cm (11.8in x 3.2in x 2.9in)	Allows for single-hand operation
Weight	~1.6kg (3.5lbs)	
Warranty	24 months	

Progeny ResQ is not ITAR-restricted, though a U.S. Department of Commerce export license may be required for some countries.



Progeny ResQ identification results of the following: acetone as a "Threat," 4C Technology "Warning" of TATP, and cocaine as "Controlled Substance."

Example of Progeny ResQ result in landscape view showing spectra overlay.

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