

# Hazmat

## SOLAFACT 800

### Handheld Chemical Agent

Here are some of its unique features to ensure you can fully understand its advantages:

#### 1. Advanced detection technology

SOLAFACT 800 adopts time-of-flight ion mobility spectrometry technology, array multi-sensing fusion technology and scintillator detection technology. The fusion of these technologies allows it to detect trace chemical agents, industrial toxic and harmful gases and radioactive pollution online, quickly and accurately. . This comprehensive performance is at the leading level among similar international products.

#### 2. Light and compact, easy to operate

The SOLAFACT 800 is designed to be lightweight, compact and simple to operate, allowing hazmat team members to use it quickly and efficiently during field operations. No complicated training is required, you can get started easily.

#### 3. High sensitivity and resolution

Our detectors have excellent sensitivity and can detect extremely low concentrations of harmful substances, such as sarin, with typical values up to 0.1mg/m<sup>3</sup>. In addition, its high resolution can accurately distinguish different types of chemical poisons and industrial toxic and harmful gases.

#### 4. Quick response and strong anti-interference ability

SOLAFACT 800 can detect harmful substances in a short time (only 2 to 15 seconds), and has strong anti-interference ability, which can resist interference sources such as typical gun smoke, grass and wood smoke, and engine exhaust gas.

#### 5. Optional nuclear radiation detection module

Based on demand, our products can be equipped with optional nuclear radiation detection modules to provide you with more comprehensive dangerous goods detection capabilities.

#### 6. Wide range of applications

SOLAFACT 800 can be widely used in military counter-terrorism, emergency security, environmental monitoring, industrial production, petrochemical industry, customs, fire protection, sanitation and other fields. Its uses include on-site detection of chemical warfare agents, environmental monitoring, emergency response to leaks of highly toxic and dangerous goods, Industrial odor, toxic gas detection, etc.

#### 7. Long battery life and durability

SOLAFACT 800 is equipped with a long battery life, ensuring continuous use during extended field operations. At the same time, its durability can withstand extreme temperatures, shock, and exposure to hazardous materials, maintaining long-term reliability.

#### 8. Advanced features including real-time data

Our detectors not only provide real-time data, but also help your team quickly assess risk and take appropriate mitigation measures. This includes details such as the nature, concentration and behavior of hazardous substances, ensuring you are fully informed to make informed decisions.

#### 9. Multi-sensor function

SOLAFACT 800 is equipped with multiple sensors capable of detecting multiple types of hazardous materials, increasing the accuracy and comprehensiveness of identifying and assessing threats. No matter what dangerous situation you face, our products are up to the task.

We are convinced that the SOLAFACT 800 handheld chemical agent detector is the best choice to meet the needs of your hazardous materials team. Its excellent performance and advanced technology will provide your team with unparalleled support.

# Hazmat

## SOLAFACT 810

### Portable Toxic and Hazardous Substance Detector

#### 1. Lightweight and compact, easy to carry

The SOLAFACT 810's compact design makes it the epitome of portability. Its lightweight appearance and compact size make it easy for your team members to carry it with them, keeping them ready no matter where they go.

#### 2. Intelligent data real-time monitoring

Not only providing real-time data, SOLAFACT 810 also quickly and accurately analyzes the nature, concentration and behavior of hazardous substances through intelligent identification algorithms. This helps your team quickly assess risks in the field and take necessary steps to protect people and the environment.

#### 3. Multi-sensor technology improves comprehensiveness

SOLAFACT 810's multi-sensor technology enables it to detect multiple types of hazardous substances, including chemical warfare agents, toxic and hazardous gases, highly toxic chemicals and flammable and explosive hazardous materials. This increases the accuracy and comprehensiveness of your team's identification of potential threats.

#### 4. Accuracy and reliability guaranteed

To ensure accuracy, the SOLAFACT 810 is calibrated regularly and offers easy maintenance procedures to ensure continued high performance.

#### 5. Professional training, confident operation

We provide comprehensive training programs, including equipment operation and data interpretation, to ensure your team members can confidently operate and use detectors in hazardous situations, increasing the level of confidence in responding to risks.

#### 6. Long-lasting battery life for long runs

The long battery life of the SOLAFACT 810 ensures continuous use during extended field work without the need for frequent charging.

#### 7. Seamless communication system integration

Our detectors integrate seamlessly with communications systems to enable real-time data sharing and coordination, ensuring efficient communication between team members and incident command centers for rapid response to hazardous situations.

#### 8. Excellent durability in harsh field conditions

SOLAFACT 810 offers exceptional durability and is able to withstand impact and exposure to hazardous materials, ensuring superior performance and reliability in any harsh field conditions.