



### Product Leading Edge

The ZA860 multi-function hazardous chemical detector adopts non-invasive detection methods. Which not only can inspect liquids packaged in various common materials such as glass, plastic, ceramic, metal, etc. without opening the package, but also can detect dozens of hazardous liquids in the same time. In addition, ZA860 also integrates explosives and drug detection functions, which can detect a variety of military and civilian explosives or important explosive intermediates, as well as more than ten common drugs such as methamphetamine, ecstasy, morphine, ecstasy, fentanyl, etc.

The instrument has a built-in wireless communication module, which can upload test data and equipment information to the background management system in real time; at the same time, it can be equipped with an ID card recognition module and a printing module to meet the various needs of users.

## ZA860

multi-function hazardous chemical detector

### Equipment features:

- (1) Simple operation, automatic reset, no manual interpretation of results required;
- (2) It is able to detect no less than 100 kinds of dangerous liquids such as common engine oil, ethers, alcohols, aromatic compounds, etc., can detect a variety of common explosives and drugs, one machine for multiple uses;
- (3) No radioactive source, safe to use;
- (4) No need to open the lid, non-destructive testing of bottled liquids;
- (5) High sensitivity and high accuracy;
- (6) Convenient operation, fast detection, test results in seconds;
- (7) Optional ID card recognition module and printing module;
- (8) Built-in wireless communication module, which can realize data upload;

### Technical parameters:

Detectable dangerous liquids: common engine oils, ethers, alcohols, aromatic compounds, etc.

Detectable container materials: plastic/glass/ceramic/metal

Detectable side wall thickness: plastic/glass/ceramic  $\leq 3.5\text{mm}$  metal  $\leq 0.3\text{mm}$

Minimum liquid detection amount: liquid level  $\geq 3\text{cm}$ , volume  $\geq 100\text{ml}$

Detectable explosives/drugs: TNT, dinitrotoluene (DNT), black powder (BP), nitrobenzene (NT), nitrotoluene (MNT) and other common explosives or explosives

Alarm mode: sound alarm, light alarm, interface display

False alarm rate:  $\leq 1\%$

Display: 7-inch color capacitive touch screen

Host weight: 3.5kg

Appearance size: length 415mm×width 332mm×height 159mm

Recommended operating temperature: 20°C ~ 40°C

Humidity: 10%-95% (no condensation)

Temperature: Applicable storage temperature: -25°C ~ 70°C

Recommended operating temperature: -5°C ~ 40 °C

Humidity:  $\leq 80\%$

Operating frequency: 500MHz~2.4GHz

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