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launches in India

LQtest 2.8 **special**

A Device for detection of explosive and flammable liquids inside sealed vessels

Developed and Manufactured by AVK Lab Moscow Russian Federation.

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- Very Effective technology for mass screening of liquids
- Developed and constructed especially for security services and other law-enforcement authorities

LQtest 2.8 Special is a handheld device for contactless detection of flammable and explosive liquids inside sealed containers / bottles.



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Timely detection of dangerous liquids is a global problem.

Threats of terrorist attacks remain; moreover, new ways to carry them out are being conceived. Recently, incidents using self-made explosive liquids have become more frequent.

New countermeasures like LQtest 2.8 special involving better technologies help stop such incidents. This is an apt equipment for Police, Security Forces, Armed Forces, Railways and is a must in Airports, Railways Stations and Security sensitive areas, where liquids in bottles carried by entrants can be screened for explosive/ flammable material.

Device for detection of explosive and flammable liquids inside sealed vessels

Principle of operation of LQtest 2.8 special

LQtest 2.8 special uses quasistatic electronic tomography to allow the user, without having to open a container, to distinguish substances such as gasoline, incendiary mixtures, acetone, nitroglycerine, various alcohols, ethers and other dangerous liquid from water, nonalcoholic and alcoholic drinks, dairy products and cosmetics.

The latest version of software allows testing of more than 800 different liquids, the parameters of which are used as a database to compare with measured values.

Purpose of LQtest 2.8 special

LQtest 2.8 special is a robust and reliable liquid screening technical equipment:

Important benefits of using LQtest 2.8 special include:

- High speed and accuracy of Tests.
- Detection of a vast list of liquids in baggage and hand luggage.
- Provides for mass screening of containers of various types, forms, colors and materials.
- Allows inspection of even small containers (100ml).

LQtest 2.8 special device can be used to prevent carrying of dangerous liquids onboard aircrafts, trains, buses and sensitive areas and is a safe, convenient, reliable and comfortable way to allow mass screening of liquids:

- In any non-metallic containers
- In any environmental condition

The use of LQtest 2.8 special for inspection will allow fast and reliable detection of hazardous liquids without causing inconvenience to passengers/ entrants.

Key features of LQtest 2.8 special

- Time required to make one inspection-0.5sec
- Minimum amount of liquid to be examined-50ml
- Container wall thickness-0.8cm
- Container materials which can be screened-Any non-metallic material (glass, plastic, paper, ceramic, etc.)
- Indication by Light and sound
- Light Weight -170g
- Dimensions-207×70×30 mm
- Tested liquids- more than 800 liquids
- Power supply-2× AA batteries
- Easy to use handheld device



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