

# Emisens EMILI 2: Liquid scanner for security applications



## Robust stand alone plug-and-play instrument for checkpoint applications:

- exceptionally fast; liquid identification in less than one second
- works for any non-metallic bottle above 50 millilitres content
- no push button for starting inspection
- no ionizing radiation
- plug and play - no calibration required
- user configurable detection software
- optional network integration capability
- data recording
- compliant with ECAC requirements for use at airport security checkpoints

## Applications and possible configurations:

- Standalone configuration
- Network configuration
- Integration with existing security systems
- Integration with existing data recording systems
- Integration with existing ECAC requirements

## Technology

The EMILI 2 scanner uses a non-ionizing radiation technology to detect and identify liquids. It is designed for use at airport security checkpoints and is compliant with ECAC requirements. The scanner is robust and easy to use, with no calibration required.

## Distinguishing capability

The EMILI 2 scanner is capable of distinguishing between different types of liquids. It can identify a wide range of liquids, including water, alcohol, and oil. The scanner is also capable of identifying the volume of liquid in a bottle.

The EMILI 2 scanner is a stand-alone instrument that can be used at airport security checkpoints. It is easy to use and requires no calibration. The scanner is also compliant with ECAC requirements for use at airport security checkpoints.

## Operation

EMILI 2 is designed to be easy to set up and use. Weighing only 15kg and with no risk of ionizing radiation hazard the unit can be installed on any table top. An individual unit is completely self contained requiring just a mains power supply, the switch on process takes just a few seconds and is fully automatic.

The bottle or container under test is simply placed on the sensor plate and the results of the analysis will be displayed in one second accompanied by an optional acoustic signal. The default display settings are a simple green 'pass' and a red 'reject' although using the system software this can easily be configured to other colours and languages as required, non-latin characters on request.

After analysis is complete and the container is removed the system recovers within 2 seconds and is ready for another measurement. An operator only needs to use one hand as the measurement process is fully automatic with no push button or switch operation required. If the unit needs to be moved it can be transported immediately after switching off (no warm up or cool down phase).

## Technical Data

Line power: (230 / 110 V AC, < 50 W)

Dimensions: (H x W x D) 780 x 300 x 480 mm

Weight: 17 kg

Display: 27 cm LCD monitor

Ethernet Adaptor

USB Adaptor

Remote control software available on request

Display languages: English, other languages on request

Note: No high voltage, no ionizing radiation, no static magnetic fields, emitted electromagnetic fields are comply with safety & EMC standards.

For further information contact:

Dataline Visual Link Pty Ltd

Unit 3/1 Holder Way

Malaga, WA 6090

Phone: +61 (0)8 9262 7600

E-mail: [sales@dvl.com.au](mailto:sales@dvl.com.au)

[www.dvl.com.au](http://www.dvl.com.au)