

LIQUID EXPLOSIVE DETECTOR

EMA Series

in partnership with **CEIA**

Certified LAGs analyser – inspects sealed and unsealed liquids in seconds, no ionising sources.



O V E R V I E W

About the EMA Series

The EMA is a compact Type B (and optional Type A) liquid explosive detector certified to EU Standard 3. It uses multiple simultaneous sensing technologies – RF, infrared, magnetic and gravimetric – to analyse the contents of sealed liquid containers in about 5 seconds, without opening them.

K E Y B E N E F I T S

- › Inspects sealed & unsealed LAGs in ~5 seconds
- › Very low nuisance alarm rate < 0.4%
- › Screens plastic, glass, metal and metallised containers
- › No ionising source, no moving parts, no maintenance
- › Automatic calibration – minimal operator training

W H O I T ' S F O R

Airport checkpoints, critical infrastructure, customs, high-security venues



FEATURES

Complete feature list

- Multi-sensing: wideband RF, IR, magnetic induction, gravimetric
- Type A integrated analyser (optional) for loose liquids
- Container range 100–2000 ml; Type A sample cups 10 ml
- AISI 304 stainless steel housing with anti-fingerprint finish
- Auto-calibration and built-in self-diagnosis
- Ethernet + RS-232 networking via NetID Management



TECHNICAL SPECIFICATIONS

Full datasheet

SPECIFICATION	DETAIL
Analysis time	~5 s (Type B), ~4 s (Type A)
Dimensions (Type B)	18.5 x 12.5 x 13 in
Dimensions (Type B + A)	21.5 x 12.5 x 13 in
Weight	37.5 lb (Type B) / 38.6 lb (Type B + A)
Power supply	115/230 V ±15%, 50/60 Hz, 15 W
Operating temperature	32°F to 104°F
IP rating	IP 20
Certifications	EU Standard 3 Type B + Type A, TSA Qualified, NATO NSN 6665-151805235 / 6665-151805236



APPLICATIONS

Where it deploys

The EMA Series is deployed across the Caribbean in the following environments:

- ▶ Airports
- ▶ Critical Infrastructure
- ▶ High-Security Venues
- ▶ Customs

LIFECYCLE SUPPORT

Commissioning, 24/7 maintenance, OEM-certified technicians, approved spare parts, upgrades and life-extension programs – all handled by Allen + Co. across the Caribbean. Training is delivered in partnership with FESTI at Toronto Pearson for ARFF and NFPA-aligned certifications.



Allen Co

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LET'S TALK

Ready to modernise your operation?

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