

01

K-CEMA NEO
KT-950-0472-00

UNDERSTAND | INNOVATE | PROTECT

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KIRINTEC

K-CEMA NEO

The first of its kind

K-CEMA NEO is the first of its kind and includes the ability to detect signals anywhere in the EME between 20 MHz and 6 GHz.

By using a dynamic automated loadset, and dynamic resourcing K-CEMA enables swift response to new threats without the need to upgrade hardware.

K-CEMA provides users with the ability to combine multiple functions and capabilities into one CEMA system with a common architecture which can evolve and adapt to meet emerging threats.

Key Features

Hybrid jamming against RCIED and UAS threats

Compatible with GVA Open CPI and JICD 4.2

45 Watts output power

Detect Threat signals anywhere in the (EME)

Deliver selected responsive, Hybrid or active countermeasure

Conduct continuous electronic surveillance

Provide signal analysis on the move



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Specifications

- **Dimensions**
335mm x 95mm x 265mm
(Excluding antenna and power)
- **Weight**
8kg (Excluding antenna and power)
- **Operating frequency**
20 MHz – 6 GHz

Accessories

- **RCU**
Kinesis Plus provides a highly configurable and secure network topology. With up to 16 units in the standard configuration (hundreds with non-standard configurations).
- **Confidence checker**
The CTS allows maintainers and users to ensure the correct RF output is being transmitted by the Mercury system prior to deploying on a mission.
- **Fill Gun**
The Fill Gun Device (FGD) is a robust device designed to allow maintainers to upload mission fills to Mercury systems.
- **XCHANGE**
XCHANGE allows users to simultaneously communicate through inhibition through the addition of a plug in patch.

K-CEMA system characteristics	Details	Weight
System only	K-CEMA NEO (LMH)	Circa 8 kg
Batteries	2 x 2590 Llon Batteries	2 x 1.4 kg (2.8 kg total)
Cables	–	–
Antenna	Low Band – WB25512R	0.49 kg
	Mid Band – HD827Q	0.41 kg
	High Band – WB26	0.25 kg
Backpack	K-CEMA Backpack	1 kg
RCU (including Cable)	–	1 kg
Total deployed		13.95 kg

Support equipment	Weight
Battery Charging Unit	9.98kg
Transportation Pelican Case	Circa 6 kg
Total ancillary weight	Circa 24.98 kg



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