

# 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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02

## Specifications

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

## Accessories

- **RCU**  
Remote Control Unit (RCU) allows remote access to K-CEMA NEO systems which may not be immediately accessible.
- **Confidence checker**  
The CTS allows maintainers and users to ensure the correct RF output is being transmitted by the 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 systems.
- **XCHANGE**  
XCHANGE allows users to simultaneously communicate through inhibition through the addition of a plug in patch.

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

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



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