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K-CEMA JUPITER
KT-950-0345-00

UNDERSTAND | INNOVATE | PROTECT

T: +44 (0) 1989 568 350
F: +44 (0) 1989 568 351
info@kirintec.com
www.kirintec.com

KIRINTEC

K-CEMA JUPITER

K-CEMA Jupiter is a next generation multi-role, agile, and scalable system for Cyber and Electromagnetic Activities (CEMA)

We understand the challenges of conflict in the information age, and we've produced an innovative solution, using Key User Requirements drawn from across our customer base.

K-CEMA Jupiter 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.

K-CEMA Jupiter

K-CEMA Jupiter 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 Jupiter enables swift response to new threats without the need to upgrade hardware.

The vehicle mounted K-CEMA Jupiter allows users to conduct cyber and electromagnetic activities anywhere in the ElectroMagnetic Environment (EME) between – High Frequency and Super High Frequency (initially 20 MHz to 6 GHz).

Key Features

Hybrid jamming against RCIED and UAS threats

Compatible with GVA, OpenCPI and JICD4.2

450 Watts output power

Detect Threat signals anywhere in the (EME)

Deliver selected responsive, Hybrid or active countermeasure

The ability to conduct Electronic Surveillance

Provide signal analysis on the move

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Specifications

- **Dimensions**
  330mm x 300mm x 250mm
- **Weight**
  33.5kg
- **Operating frequency**
  20 MHz – 6 GHz expandable to include High Frequency & Super High Frequency

Accessories

- **Remote Control Unit (RCU)**
  The RCU allows remote access to K-CEMA Jupiter systems which may not be immediately accessible.
- **Confidence Test Set (CTS)**
  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 Communication Through Inhibition (CTI) which allows users to communicate and jam on the same frequency at the same time.

System characteristics	K-CEMA JUPITER
Frequency range	20 MHz – 6 GHz
RF power	450W
Voltage in	18-32 VDC
Operating temperature range as standard	-40°C to +55°C
IP 56 environmental protection	✓
Programmable	✓
Built-in self test	✓
Anti-Tamper	✓
Zeroize	✓
Remote control unit	✓
Weight (main unit only)	33.5kg

For more product information scan this code: