

GRENADA

Spot-on Mobile Adaptive UV-C Disinfection Unit

Fast and Furious

Accurate, quick & effective – disinfect your desired area within seconds.

Maintain a constant level of disinfection using routine, periodical and automatic operation.

Selective Area Irradiation Scheme

Scenario-driven, spherical beam direction

Multi-Layered Safety Mechanism

Proximity sensors, activation code, safety switch, audio/visual indicators – ensuring that operators and others remain safe.

“Chain Reaction” – Wireless Connected Multi-Unit Operation

Several inter-connected units, each adapts to its immediate environment.

Automatic Energy Level Adjustment

Emits the exact, minimal amount of irradiation required for effective disinfection – reduces long-term overexposure.

High Power, Quick Charge, Fast Swap

Dozens of irradiation cycles on a single charge, quickly and easily replace the battery – or connect to a fixed power source.

Mobile, Compact and Rugged Design

Fits everywhere – above, alongside or even on your surfaces. Easily carried and quickly deployed – on a minute-to-minute basis.



Accurately disinfects surfaces and objects using Ultraviolet-C (UVC) irradiation.

Neutralizes viruses and bacteria.

Patent-pending technology & design



GRENADA

DESIGNED WITH CERTIFICATION AND REGULATION IN MIND

Measurement

Each unit measures the overall amount of irradiated energy, along with other operational parameters – wavelengths, distance from objects, functional cycles etc.

Documentation

Operational logs are automatically managed and shared, so that the collected information may be documented and evaluated.

Conformity

Units may be programmed to operate within pre-determined, desired and certifiable limits, conforming with applicable regulations – safety, health, industry-specific standards, operator expertise etc.

Multi-Layered Safety Mechanism

Proximity sensors, activation code, safety switch, audio/visual indicators – ensuring that operators and others remain safe.

- 28-36 UV-C LEDs, hemisphere layout
- 254nm, 60° FOV, 40 mW each
- 1.0-8.3 mJ/cm² irradiation levels
- 6 Ah, 18V Li-Ion detachable battery
- ~30 Activation cycles per battery
- UART, Serial, Ethernet, BT, Wi-Fi comms
- 0.75-1.5 Kg, depending on variant

