IIS-G1-U2 Medicinal Reservoir Autoinjector

This is an an additional module for the IIS-G1 "Last Resort" Self-Contained Survival Apparatus. It allows increased survivability, especially in the extreme cold. It can also be used in certain combat scenarios or guard postings to assist in mission effectiveness. The IIS-G1-U2 is also available for purchase and use without a IIS-G1 "Last Resort" Self-Contained Survival Apparatus, for medical applications including IVs and central lines.

Description

The IIS-G1-U2 is constituted of a ADNR (Aggregated Diamond Nanorods) enclosure which can house vials of various sizes. These enclosures have internal heating and cooling to keep the vial at a set temperature. This enclosure is then mounted inline to the IIS-G1 "Last Resort" Self-Contained Survival Apparatus's carbyne tubing. By default, it is filled with adrenaline.

Usage

The IIS-G1-U2 is used as a way to deliver medicines or other substances to the wearer of a IIS-G1 "Last Resort" Self-Contained Survival Apparatus. The vial can be pre-filled with liquids that may help to increase the performance of the wearer, or enhance survivability. The onboard control chip can be programmed ahead of time for how much of the vial should be transferred to the bloodstream and under what conditions.

For example, adrenaline may be drip-fed into the bloodstream over a continuous period to prevent sentries from sleeping or losing vigilance. Obviously, this is not healthy over an extended period, but in a survival situation it may increase chances of survival. Combat stimulants can be given to increase aggressiveness and reaction time if this is used within a hardsuit or mecha.

Alternatively, nanomachines or hemosynthetic technologies may be loaded to help the user recover from minor or serious injuries. A notable usage is with the IIS-G1-U1 Peltier Bodysuit. By filling a IIS-G1-U2 with a special type of biological antifreeze, recovery from cryostasis can happen very quickly and with little adverse health effects.

OOC Notes

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