

Starshield Programmable Matter Multitool

A multitool produced by the [Yugumo Corporation](#) in late [YE 45](#).



Year of Creation	YE 45
Designer	Yugumo Fleetworks
Nomenclature	YU-U3-1A
Manufacturer	Yugumo Corporation , Yugumo Fleetworks
Fielded by	Yugumo Corporation , Yugumo Fleetworks
Availability	Mass Production
Price	75KS

History and Background

In [YE 45](#), the designers at [Yugumo Fleetworks](#) sought to improve the design of their [Yugumo Standard Damage Control Alcoves](#). With that came the desire to condense toolkits and improve the efficiency of the tool selection in the lockers. One design that emerged was the Programmable Matter Multitool.



Function and Design

An efficient rechargeable multitool for maintenance and repairs.

Control Handle

The control handle includes a basic push-button control and selection buttons, along with the capacitor system. The capacitor system can be recharged at charging docks located inside [Yugumo Standard Damage Control Alcoves](#). The handle also includes a small [KAIMON-Aperature](#) so that it can be connected to [KAIMON](#) for the programming new tools and configurations.

The handle is 15cm in length, and 6cm in width.

Programmable Matter

The [programmable matter](#) is a smart material that can change its shape, density, and properties on command. This material is highly responsive to external stimuli, such as electrical signals or user input from the control end of the tool, enabling it to morph into different forms and structures as needed.

Usage

The Programmable Matter Multitool is a lightweight (1kg) handheld tool.

Programs

These are the standard programs included in the multitool. Custom programs can be entered through the link with [KAIMON](#).

The standard and advanced programs for the tool are as follows.

Standard Basic Programs are:

- various [screwdriver](#) tips.
- various [pliers](#).
- various [hex key tools](#).
- various [wrenches](#).
- various [socket wrench set](#).
- adjustable [spanner tool](#).
- various [files](#).
- [penlight](#).

Standard Advanced Programs¹⁾

- small plasma cutter tool.²⁾
- small plasma welder tool.³⁾
- laser cutting tool.
- [soldering iron](#).
- [test light](#).
- small [graviton beam system](#) that can move objects up to 2kg.

Add-Ons

The following add-ons are available for the multitool:

- A rechargeable gas magazine for advanced functions. (10KS)
- [YU-U7-1A Type I High-Energy Capacitors](#) (10KS)
- [Charger Cradle](#) (10KS).⁴⁾

Manual

The Programmable Matter Multitool has a [Virtual Collective Experience](#) training program which is sold separately for 5KS.

OOO Notes

[Andrew](#) created this article on 2023/09/09 14:35.

Art made in Midjourney by [Andrew](#).

This article was approved by [Wes](#) on 2023/09/13.⁵⁾

Products & Items Database	
Product Categories	tools
Product Name	Programmable Matter Multitool
Nomenclature	YU-U3-1A
Manufacturer	Yugumo Corporation
Year Released	YE 45
Price (KS)	75.00 KS
DR v3 max	Tier 0
Mass (kg)	1 kg

1)

requires additional capacitor add-on for increased power requirements

2) 3)

requires gas magazine add-on

4)

For those who purchase the tool without having the damage control lockers

5)

<https://stararmy.com/roleplay-forum/threads/programmable-matter-multitool.70854/#post-440145>

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