

Micro Laser

A simple if powerful laser system manufactured by the [Shasta No Sekai](#) corporation in [YE 41](#) for use in drones and mecha.

About the Micro Laser

Micro Laser	
DRv3:	T-1 Light anti personnel
Purpose:	Light Drone Weapon/ Pistol scale weapon
Range (Planetary):	50m
Rate of Fire:	120 pulse per minute
Ammo:	30 charges per micro cell

The Micro Laser is the product of a conversion of a hand held cutting laser often meant to cut through light materials such as plastics, light metals, and thin sheet rocks. The laser system itself was composed as a pet project by a member of the R&D team to downscale the cutting laser (Roughly the size of a small power tool at the time) into a powerful and in no way intended to be lethal *laser pointer* as a prank against some of the other R&D team members who often use pointing lasers on whiteboards for formula or to point at what may be too volatile to risk touching with ones bare hands.

The tool was stripped down to the bare essentials to fit as little as possible in the small casing meant for the pointer. From there it was compacted to a simple system of lens, battery, and projector small enough to fit in a large marker.

The results of the prank if documented never circulated leaving some that the team member bragged about the project to contemplate its results. What was noted however was said member of the R&D team being admitted to the infirmary having somehow severed four of the five fingers on his left hand (As well as half of his thumb) through the use of some kind of powerful laser he refused to disclose information about.

Weeks later when the task was passed to the R&D team for a small laser based weapons system for some of the corporations planned light drones, a single team member instantly rose a cybernetic hand with a proposal.

Discharge Information

- Muzzle Flash: A bright flash of blue light momentarily erupts from the barrel as the laser fires.
- Retort: [pew pew](#)
- **Beam Appearance:** A bright, visible beam of straight blue energy stretches from the weapon to its target visible only for a fraction of a second. If on fully automatic it gives the appearance of a constant beam of blue energy about as thin around as a pen or pencil.
- Effective Range 50 meters before energy falloff.

- Rate of Fire: 120 discharges per minute
- Recoil: The micro laser has no noticeable recoil.

Ammunition

- Ammunition [micro cell](#)
- **Purpose:** T-1 Light Anti-Personal.
- Round Capacity: 30 charges per micro cell.

Weapon Mechanisms

The *Micro laser* is a proof of concept weapons weapons platform. It has no one form and is instead the laser system installed in a weapon instead of a singular rifle or pistol.

- **Firing Mechanism:** The micro laser is often electronically fired through a switch or trigger. Drawing a charge from one or many micro energy cells and discharges a beam of blue energy through a focusing lens at the end of a barrel.
- **Loading:** The laser can have a single inserted battery or several linked together in a magazine like battery pack or drum. Often the case of the former in an operator employed rifle or pistol design. And a drone the latter due to an inability to use complex loading skills or having a lack of proper appendage.
- **Mode Selector:** Often the micro laser will have a switch to switch between a single, burst, or automatic firing mode when installed in a rifle. But when built into a platform such as a drone or mecha will be linked to fully automatic fire.
- **Safety Mechanism:** Physical safety switch or built in mechanism in the case of mecha
- **Weapon Sight:** optics can be mounted via an installed optics rail on most micro laser platforms or a small targeting camera linked to mecha.
- **Attachment Hard Points:** varies per platform.

A simple if effective personal scale laser for use in light drones manufactured by the [Shasta No Sekai](#) corporation in [YE 41](#)

OOO Notes

[Charmaylrg](#) created this article on 2019/02/27 16:23. Approved by Ametheliana on 3/31/19, [here](#)

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Last update: **2023/12/21 00:58**



