

# Genesis Bioforge

The Genesis Bioforge is a self-contained cloning chamber designed to provide an optimal environment for the growth and development of clones and artificial Neplesians. This advanced bioforge uses a combination of genetic engineering techniques and nanotechnology to facilitate rapid growth and development of clones. With the use of nanites to help manufacture the individual, the Genesis Bioforge has primarily been used by the [Neplesian Reds](#) and is typically not for sale to external parties.

Genesis Bioforge	
»Optional Image«	
Year Created:	<a href="#">YE 36</a>
Faction:	<a href="#">Neplesian Reds</a>
Designer:	<a href="#">Neplesian Research and Manufacturing</a>
Manufacturer:	<a href="#">Neplesian Research and Manufacturing</a>
Nomenclature:	NRM-U1-1A
Production:	Mass Production
Price:	5,000KS

## Description



Mobile Genesis Bioforge, measuring 5 meters in length, 2.5 meters in width and 2 meters in height, resembles a [SSCC-M Cargo Container](#) fitted with numerous interfaces and ports. It is divided into several key sections:

- **Growth Chamber:** The core of the Bioforge, it is where the developing clone is housed. It's filled with an oxygenated biogenic/nanite fluid (usually [Protogenesis Fluid](#)) that allows the developing clone to liquid breathe. The entry/exit of the growth chamber is protected by a thin layer of armor (as well as the rest of the unit).
- **Organic Synthesizers:** Located to the sides of the growth chamber, they provide finished enzymes, amino acids, and a wide range of other organic material the body needs to grow.
- **Support Infrastructure:** This includes a series of umbilical cords within the bioforge which helps

maintain the clone's nutrient supply and waste removal, as well as ports for introducing nanites into the growth chamber. It also includes computer hardware containing the monitoring AI and the memory implant software.

- **Control Panel:** Located on the outside of the bioforge, the bioforge's control panel consists of a touch-screen interface and several status indicators. This allows operators to monitor the clone's development and make any necessary adjustments.
- **Backup Power Supply:** A compact yet powerful generator located in the rear of the bioforge. It activates automatically when main power supplied to the unit is cut off. There is enough fuel to keep the unit power for a day.
- **Storage Compartments:** Used for storing additional biogenic nanite fluid, nanites, and organic elements to be synthesized by the bioforge.



Standable bioforges only consist of the growth chamber, synthesizers, control panel, and a backup battery. The facility they are located in provides the majority of resources produced elsewhere.

## Function

Within the Genesis Bioforge, the process of creating a clone begins with a cell sample, which is programmed to divide at an accelerated rate due to prior genetic manipulation. These cells are then placed in the bioforge, where they are immersed in the biogenic nanite fluid. Nanites, preprogrammed with the desired genetic blueprint, are introduced into the fluid. These microscopic machines monitor and assist cellular growth, correcting genetic errors, distributing resources and managing waste. This optimizes the rapid growth process and mitigates the risk of genetic instability.

Once the clone has reached maturity, which typically takes around two weeks, the Genesis Bioforge's internal systems purge the Protogenesis Elixir, and the clone is gently awakened and memory implanted. The nanites are then deactivated and reabsorbed into the bioforge's systems for reuse.

## Usage

Who uses this thing and how is it used? How should it be used?

## OOO Notes

Demibear created this article on 2023/07/27 02:10. Artwork generated with midjourney.com by Demibear.

Approval Thread:

<https://starmy.com/roleplay-forum/threads/nepleslian-reds-cloning-article.70694/#post-439391>

Products & Items Database	
Product Categories	medical
Product Name	Genesis Bioforge
Nomenclature	NRM-U1-1A
Manufacturer	<a href="#">Nepleslian Research and Manufacturing</a>
Year Released	YE 36
Price (KS)	5,000.00 KS

From:

<https://wiki.starmy.com/> - **STAR ARMY**

Permanent link:

[https://wiki.starmy.com/doku.php?id=corp:nrm:equipment:genesis\\_bioforge](https://wiki.starmy.com/doku.php?id=corp:nrm:equipment:genesis_bioforge)

Last update: **2023/12/21 04:21**

