

Digester

The **Digester** is an IV tier multiblock for breaking down raw ore into rare earth solutions and chloride concentrates. It is primarily used in the Monazite and Bastnasite lines alongside a Dissolution Tank which dilutes the rare earth solutions with water or nitric acid. The Digester is also integral for producing nano resins of rare-earth lanthanides such as Holmium and Lutetium.

Construction

Unlike other multiblocks, there is no benefit to using higher tier coils in the Digester. The only reason to upgrade is for appearance. The interior of the structure is entirely mandatory air so nothing can be inside the machine. Multi-amp and laser energy hatches are NOT supported, but there can be any number of regular energy hatches to overclock the machine. The Multiblock Structure Hologram Projector can show/build the structure for the player where the number of projectors held in a single stack determines the tier of the coil blocks.

Digester



Mod	GregTech
Type	Tile Entity
Relevant Quest	Getting Muddy With Monazite
Tier	IV
Size	7x7x4 (LxWxH)

Requires:

- 1 Digester (controller)
- 0-56 Robust Tungstensteel Machine Casings
- 16 Coil Block
- 16 Heat Proof Machine Casing
- 9 Clean Stainless Steel Machine Casing
- 1 Maintenance Hatch
- 1+ Energy Hatch
- 1 Muffler Hatch
- 0+ Input Bus (any tungstensteel casing)
- 0+ Input Hatch (any tungstensteel casing)
- 0+ Output Bus (any tungstensteel casing)
- 0+ Output Hatch (any tungstensteel casing)

Wallsharing

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More information

OK

Digesters can wallshare each of their sides to save on casings, coils, buses/hatches, and space. This may not be very useful or practical in the processing lines which don't really need more than one, but sharing a few resources could help for manufacturing nano resin.

Usage

The Digester does not have any sort of automation challenge or restriction on inputs. Recipes in NEI specify a minimum heat capacity for the coil blocks, but none require anything better than cupronickel. It is a very simple machine that only ever scales with the tier of the energy hatch. Running a higher voltage than the minimum required for a recipe grants imperfect overlocks.

The Digester produces rare earth solutions (unlocked at IV) and chloride concentrates (unlocked at UV). The rare earth solutions are diluted in the Dissolution Tank while the chlorine concentrates are combined with a corresponding extracting nano resin in a Large Chemical Reactor to produce filled extracting nano resin and chlorinated rare earth concentrate. The chlorinated rare earth concentrate can be processed up to 3 more times before expiring.

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