

## Mixing Equipment : SYX Planetary Mixer



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This equipment is high-efficiency combining reaction with mixing. It is suitable for mixing, reaction and dissolving from liquid to liquid or solid to liquid, in adhesive, synthetic resin rubber, silicone sealant, polyurethane sealant, ointment for electronics, chemical, pharmaceutical, construction and agricultural industries. Mechanical seal and peculiar soft seal between the vessels enable the material operated under vacuum condition. The vessel can be heated up by electric, steam, oil circulation or water circulation. The peculiar temperature sensor on the vessel ensures no temperature difference, and the coil inside the jacket can cool the vessel. The inner wall of the vessel is accurately machined by big-size standing machine tool and then polished by big-size automatic polishing machine, which ensures that when the movable scrapper on the planetary support rotates, all the materials stuck to the inner wall of the vessel can be cleaned. With vessel with double frame mixing paddle or mixing paddle with multi-blades, it can rotate when its revolution to make the materials moves up and down and in all directions so that the materials can be mixed adequately in a short period.

The revolution speed and rotation speed of the mixing paddle inside the vessel can be adjusted by inverters according to different processing and viscosity. The double planetary mixer is suitable for products with high viscosity of 10,000 – 1500,000cp, from simple mixing to complex reaction. It is used in various kinds of adhesives, organ silicon gel; solder paste of chemical, electronic and food industries.