



## *HSD Laboratory Hopper Mixer*



It is mainly used for the tests of mixing different components of dry powders with dry powders, granulates with granulates, or powders with granulates, or powders with granulates in laboratories. It is an ideal machine for exploring the best process parameters in material mixing, and a mechanically and electrically integrated advanced experimental machine.

### **Principle**

The HSD Laboratory mixer is installed on a moveable base. Its main parts include machine frame, rotation system, electric control system, hopper, etc. The control mixing hopper is mainly composed of hopper, hopper cover, ferrule, butterfly valve, etc.

### **Feature**

1. The mixing hopper and main machine adopt quick disassembled type connection with convenient installation and disassembly.
2. It can be equipped with different mixing hoppers to meet the laboratory tests without the need of frequent material transferring, material charging, etc.
3. It adopts PLC automatic control to carry out automatic mixing and automatic positioning with user-friendly control and operation.
4. The machine is free from any dead corner of sanitation and the exposed parts are made of high quality austenitic stainless steel, fully meeting the requirements for medicine production in GMP.

## Technical Parameters

Item	Main structural dimensions								Net load		Speed	Power	Weight
Model	A	B	DN	L1	L2	H	H1	H2	L	KG	RPM	KW	T
<b>HSD-50</b>	650	950	100	800	1280	400	1300	1210	50	25	3-15	0.37	0.4
<b>HSD-100</b>	700	1100	150	1000	1450	500	1300	1450	100	50	3-15	0.75	0.6