

# UBD

## UP-6178D Lab Twin Screw Extrusion Granulator



### Application:

The lab twin-screw extrusion granulator is used for the mixing and processing of thermoplastic plastic raw materials, plasticized coloring, filling and modification, with uniform dispersion and wide application.

### Technical Parameters:

Screw shape	Flat same direction
Screw diameter	Ø21.7mm
Number of screws	Parallel twin screw
Screw speed	0-120r/min frequency control
Length to diameter ratio	L/D=40:1
Screw material	High speed tool steel W6Mo5Cr4V2, hardness HRC58-62;
heating power	Heating zone 1 500W
	Heating Zone 2 500W
	Heating zone 3 500W

	Heating zone 4 500W
	Heating zone 5 500W
	Heating 6 zones 500W
cooling method	Soft water cooling
Water tank capacity	30L
Cooling pump	0.37KW
Metering feeder	0.75KW Keyuan inverter realizes stepless speed change;
Maximum feed amount	≥8kg/h;
Feeding method	Twin screw volumetric feed;
Vacuum pump vacuum	0~0.08MPa
Vacuum pumping capacity	20M3 /hr
motor	0.75KW exchange
Water-cooled strip cutting system	Head die orifice: 2-Ø3
Cooling sink size	1200×500×920mm (W×D×H), several sets of detachable roller wire devices are installed in the water tank
Dryer power	0.37KW
Pelletizer power	0.75KW/frequency control
Host size	2300X550X1640mm
power supply	AC380V, 50Hz
weight	About 1000kg