

Dispersing Systems DISPO-X, IDL

The dispersing systems **DISPO-X1030D**, **DISPO-Unidrive DISPO-X520D** work with powerful drive motors and various dispersing shafts, which in turn have replaceable rotors and stators. The handy **DISPO-X120** was developed for use with small volumes.

Replaceable mixing and dispersing shafts are available for use in a variety of applications and with different batch sizes. The shafts have a quick snap-on coupling for fast replacement.

Various shaft bearings and seals are available.

Dispersing drives

Article	Order No.
① DISPO-X 1030 D powerful dispersing drive, infinitely variable with digital display for tools up to 30 mm, 1000 Watt, 10000–24000 rpm. DISPO-Unidrive 1000 Watt, 4000–33000 rpm.	53 00 23030
② DISPO-X 520 D universal dispersing drive, speed control with digital display for tools up to 30 mm, 500 Watt, 11000–30000 rpm.	53 00 23040
③ DISPO-X 120 small handy dispersing drive 135 for T6, T10 and T17, infinitely variable, 120 Watt, 10000–35000 rpm. without the illustrated accessories	53 00 23050

④ Tools (interchangeable with plug-type coupling)

Change generator for: **N** = low-viscosity media, **V** = medium-viscosity media, **F** = for fine dispersion, **M** = cutter generator (e.g. for reducing drugs, tissue, cells)

Type	Exchangeable generator	Shaft length mm	Immersion depth mm	Version	Order No.
T6	F	6	45	Teflon bearing	53 00 23080
T6	M	6	45	Teflon bearing	53 00 23082
T6	V	6	45	Teflon bearing	53 00 23090
T6	N	6	45	Teflon bearing	53 00 23110
T6	F	6	115	Teflon bearing	53 00 23111
T6	M	6	115	Teflon bearing	53 00 23312
T6	V	6	115	Teflon bearing	53 00 23112
T6	N	6	115	Teflon bearing	53 00 23113
T10	F	10	150	Teflon bearing	53 00 23114
T10	M	10	150	Teflon bearing	53 00 23315
T10	N	10	150	Teflon bearing	53 00 23115
T10	V	10	150	Teflon bearing	53 00 23116
T17	F	17	150	Teflon bearing	53 00 23117
T17	M	17	150	Teflon bearing	53 00 23318
T17	V	17	150	Teflon bearing	53 00 23118
T17	N	17	150	Teflon bearing	53 00 23119
T20	N	20	200	Teflon bearing	53 00 23120
T20	M	20	200	Teflon bearing	53 00 23321
T20	F	20	200	Teflon bearing	53 00 23121
T20	V	20	200	Teflon bearing	53 00 23122
T30	30 mm N	20	190	Teflon bearing	53 00 23130
T30	30 mm M	20	190	Teflon bearing	53 00 23331
T30	30 mm F	20	190	Teflon bearing	53 00 23131
T30	30 mm V	20	190	Teflon bearing	53 00 23132
G20	20 mm V	20	210	Ceramic/ceramic sliding bearing	53 00 23220
G20	20 mm M	20	210	Ceramic/ceramic sliding bearing	53 00 23325
G20	20 mm N	20	210	Ceramic/ceramic sliding bearing	53 00 23225
G20	20 mm F	20	210	Ceramic/ceramic sliding bearing	53 00 23230
G30	30 mm V	20	200	Ceramic/ceramic sliding bearing	53 00 23235
G30	30 mm M	20	200	Ceramic/ceramic sliding bearing	53 00 23340
G30	30 mm N	20	200	Ceramic/ceramic sliding bearing	53 00 23240
G30	30 mm F	20	200	Ceramic/ceramic sliding bearing	53 00 23245

Accessories

Article	Order No.
Feed-through chamber for shaft, G20 and G30, made of V2A high flow rate: G20=2000 l/h, G30=3000 l/h	53 00 23140



Inline units

The **DK30** flow chamber is available for the G20 and G30 shafts. It is an all stainless steel unit, which encloses the dispersing tools to create an inline device that can be used both for homogenization and pumping. Together with the stator and rotor tools., the **DK40** flow chamber forms an inline machine, which also offers cooling of the outer shell of the chamber if required.

Flow rates of the Inline units based on water.

Article	Order No.
DK30 with G20 shaft approx. 2000 l/h	53 00 24130
DK30 with G30 shaft approx. 3000 l/h	53 00 24230
DK40 with G40 generator approx. 5000 l/h	53 00 24240

