

the series

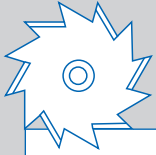
## DISPERLUX® Laboratory Dissolvers

were developed benefitting from the high quality mechanic elements of the PENDRAULIK series to be used as described on page 4.

DISPERLUX series use powerfull motors and frequency-converters for outstanding quality and use on most applications:

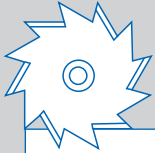


- low noise – high torque drive
- large speed variation range allows for dispersing and mixing use  
“D” means “high torque version“
- solid, stable stands, column stainless steel, counterweight inside column, chain block, defined and easy moving linear guidance
- single-phase 230 V up to 0,75 kW  
three-phase 230/400 V from 1,5 kW
- easy to use command panel with main switch, start-stop, slow-fast command, digital speed indication, safety devices conform to EU rules 98/37/EG
- high efficiency advanced electronics ensure constant speed even when viscosity changes
- shaft protection and clamp adapted to type
- shafts stainless steel 1.4541
- dispersing discs stainless steel 1.4541
- single wall vessels stainless steel 1.4541
- jacketed vessels stainless steel 1.4541
- grinding discs stainless steel and polypropylene for milling purposes
- evacuation systems to be delivered with the machine or adapted later
- rotor-stator-system available



# DISPERLUX





# DISPERLUX

- green 037** → powerfull high speed system from 200 ml up to 2 litres
- yellow 075** → the standard system from 200 ml up to 8 litres
- red 150** → powerfull system from 200 ml up to 12 litres
- red 150 D** → high torque system from 100 ml up to 20 litres
- blue 220** → high power system from 2000 ml up to 25 litres
- black 300** → powerfull small scale system from 5000 ml up to 50 litres
- black 300 D** → high torque small scale system from 5000 ml up to 50 litres

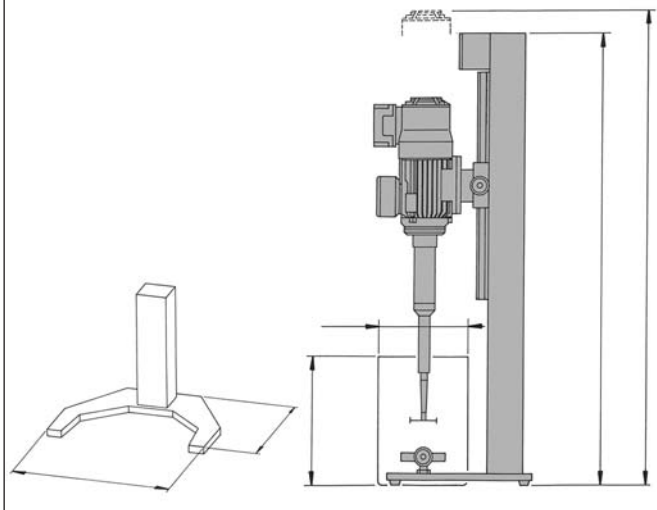
## Models

No.	Disperlux	drawing	output kW	variable speed from – to	disc diameter
1	green 037	1	0,37	0 - 12000 1/min	40
2	yellow 075	1	0,75	0 - 10000 1/min	70
3	red 150	1	1,50	0 - 10000 1/min	90
4	red 150 D	1	1,50	0 - 5000 1/min	100
5	blue 220	1	2,20	0 - 5500 1/min	100
6	black 300	2	3,00	0 - 4500 1/min	125
7	black 300 D	2	3,00	0 - 2000 1/min	150

## Dimensions

type	H <sub>1</sub> mm	H mm	B mm	T mm	U max.	Ø max. mm	disc-bottom mm	weight kg
green 037	1050	1000	420	325	330	250	30	45
yellow 075	1450	1350	500	360	420	300	30	55
red 150	1500	1350	500	360	420	300	50	65
red 150 D	1750	1660	660	470	570	430	50	120
blue 220	1750	1660	660	470	570	430	50	130
black 300	2050	1910	730	560	820	500	50	180
blk 300 D	2050	1910	730	560	820	500	50	185

drawing No. 1



drawing No. 2

