

# Degasys Populaire

The current long-time best selling *Degasys* which incorporates PTFE membranous tubing has also been down-sized maintaining the high degassing characteristics and providing smaller internal volumes than *Degasys* thanks to the proprietary new miniature vacuum pump built in.

*Degasys Populaire* has also independent vacuum chambers built in for respective channels like *Degasys Ultimate* to avoid possible cross contamination.

## DEGASSING EFFICIENCY

The improved degassing efficiency curves are shown right, which are achieved by higher degrees of vacuum than before.

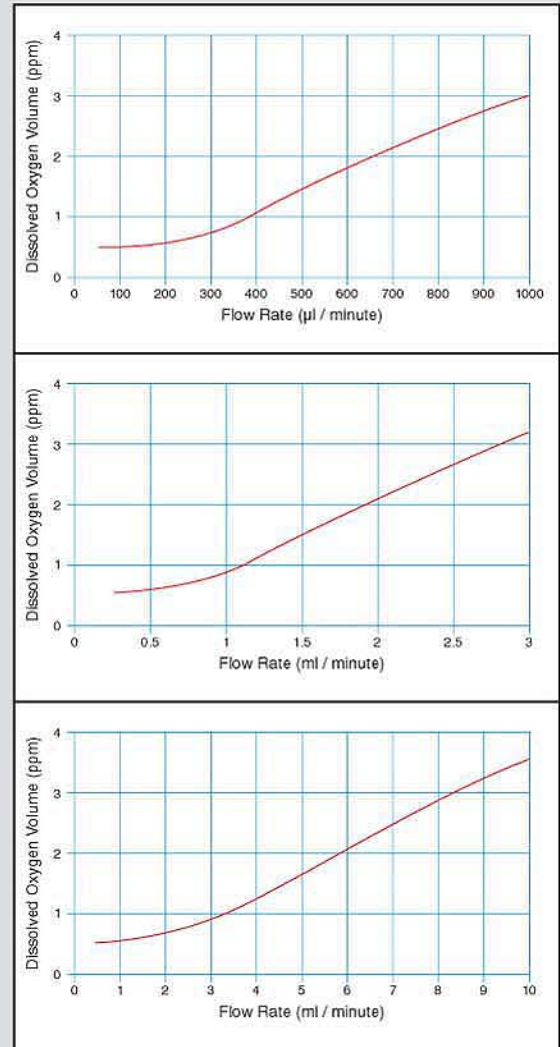
## INTERNAL VOLUME

VOLUME	MAX. FLOW RATE
0.8ml	1 ml/minute/channel
2.5ml	3 ml/minute/channel
7.2ml	10 ml/minute/channel

*"The internal volumes, although not so much minimized as Degasys Ultimate, can still compare very favorably with all of the other degassing instruments available in the market today."*



8-channel and 4-channel *Degasys Populaire*



## Degasys Populaire

Models	Flow Rate/ Channel Max.	Residual Dissolved Oxygen	Pressure Loss	Internal Volume	Wetted Parts	W×H×D (mm)		Weight (kg)	
						1 - 4 CH	5 - 8 CH	1 - 4 CH	5 - 8 CH
DP1001 DP5001 DP2001 DP6001 DP3001 DP7001 DP4001 DP8001	1 ml/minute max.	0.7 ppm max. at flow rate of 0.1 ml/minute	1.5 kPa (0.22 psi) at flow rate of 0.1 ml/minute	0.8 ml	PTFE PPS ETFE	50×80×290	50×150×290	1.5	2.1
DP1003 DP5003 DP2003 DP6003 DP3003 DP7003 DP4003 DP8003	3 ml/minute max.	0.7 ppm max. at flow rate of 0.5 ml/minute	2.5 kPa (0.36 psi) at flow rate of 0.5 ml/minute	2.5 ml					
DP1010 DP5010 DP2010 DP6010 DP3010 DP7010 DP4010 DP8010	10 ml/minute max.	0.6 ppm max. at flow rate of 1 ml/minute	1.7 kPa (0.24 psi) at flow rate of 1 ml/minute	7.2 ml					

5. The above dimensions do not include the rubber footings (3mm high), tubing connectors and other projected parts.

6. The above specifications are of the degassing performances when a dual, paralleled plunger pump is used, and may not be applicable to other types of pump.

7. Power supply: AC85 - 264V 50/60Hz 11W