

FLPG+

FLUIGENT LOW PRESSURE GENERATOR



No need to purge condensed water

Save time and money with a maintenance-free system

No vibration

Use it anywhere, with no consequences on other equipments such as microscopes

No installation needed

Start experiments right away without losing time

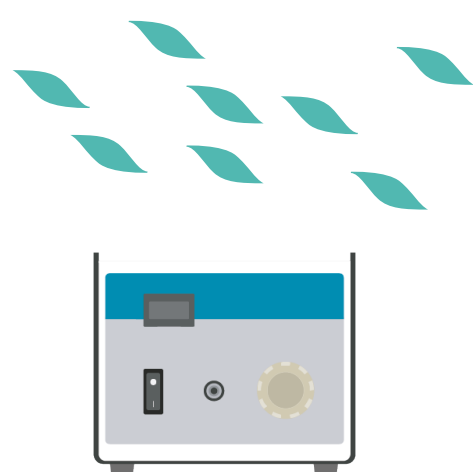
Front and back pressure outlet

Place devices on the lab bench without space constraints

Noise reduction

Benefit from a quiet working environment at full capabilities

The **Fluigent Low Pressure Generator Plus** is a lab-bench-scale compressed air solution providing an **excellent quality dried air** for all types of **microfluidic experiments**. The single device includes a pressure pump source, a manual regulator, a pressure sensor and a displayer.



SPECIFICATIONS

P/N	FLPG005
Outlet pressure range	from 0.1 bar to 2.3 bar (1.45 psi to 33.35 psi)
Voltage	24 V DC
Current	1.5 A
Power	36 W
Power supply	24 V (Mascot 3721-24) + EU power cable (UK or US cable on demand)
Electronic card version	V2.2 - 08/2018
Instrument dimensions*	179 x 154 x 264 mm (W x H x D)
Weight	5.9 kg
Package dimension	430 x 310 x 250 mm (W x H x D)
Package S/N	19252
Working environment	Indoor clear environment 15 - 25°C RH (Relative Humidity) < 65% (no condensation)
Maximum output flow-rate	1.6 L/min (under 2.3 bar)
Motor engine type	Brushless DC motor
Type of pressure	Positive
Outlet connectors reference	Coupler 9201 20 10 (Legris)
Pressure tubing inlet reference	Coupler 9285 20 04 (Legris)
Pressure tubing	OD 6 mm
Lifetime	10 000h**

*Excluding protruding parts

**Maintenance is recommended after this duration