

# 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

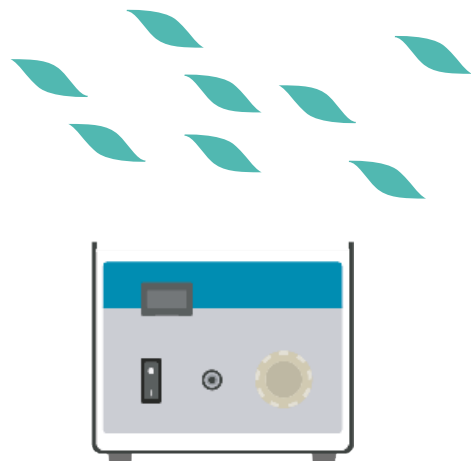
### **Front and back pressure outlet**

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

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

\*Excluding protruding parts

\*\*Maintenance is recommended after this duration