

COST COMPARISON



REDUCE COSTS

One of the main benefits of in-house gas generators is the dramatic economic benefit when compared to gas cylinders. The running cost is extremely low as the gas is obtained from water and the maintenance costs amount to only a few hundred euros per year for periodic filter replacement.

In comparison, gas cylinders' cost goes beyond unit sale as factors such as transportation, installation, returning of used cylinders and time for the system to equilibrate need to be taken into account.

Precise cost comparisons for a given user depend on a broad range of local parameters and the amount of gas used, but what is certain is that the cost savings will be significant.

A comparison table displaying annual costs for in-house hydrogen gas generators versus gas cylinders is shown here.

ANNUAL COST: IN-HOUSE GENERATION VS. HIGH-PRESSURE CYLINDERS

	IN-HOUSE GENERATOR (€)	HYDROGEN CYLINDERS (€)	HELIUM CYLINDERS (€)
Maintenance	600	0	0
Cylinders	0	2340	26,000
Cylinders Rental	0	252	252
Labour (changing cylinders)	0	781	781
Order Processing	23	270	270
Shipping	38	2792	2792
Invoice Processing	8	90	90
Inventory Control	0	54	54
TOTAL	668	6581	36,820