

ITT DIAPHRAGM VALVES

THE PHARMACEUTICAL INDUSTRY IS VERY STRICT. IT IS THEREFORE IMPORTANT THAT ALL MATERIALS USED ARE OF IMPECCABLE QUALITY. THAT IS WHY WE OFFER YOU DIAPHRAGM VALVES OF THE HIGHEST QUALITY.



CONTACT US

✉ info@aseptconn.ch
☎ +41 (0)52 725 10 10

Diaphragm valves

Aseptconn, a leading manufacturer of components and products in the field of liquid sterile technology, makes its many years of experience in the pharmaceutical sector available to you.

For example, we offer you EnviZion diaphragm valves from the ITT brand. Reduce the duration of your technical shutdowns and downtime and increase productivity by using these valves, which can be dismantled quickly and easily. You will improve your return on investment (ROI) by 10% in just 2 years!

What makes the EnviZion valve so special?

The EnviZion valve has been designed to simplify both installation and maintenance.

Reduced installation and maintenance times:

No tools are required to install the valve and replace the diaphragm.



No screws or washers to handle.
No need for a torque spanner

Technology for active sealing:

The constant force of the thermal compensation system ensures a reliable seal even with extreme temperature fluctuations.



Retightening is not necessary:

Tightness is guaranteed under various operating conditions, so the fasteners do not need to be retightened after one or more thermal cycles.

Reduction of contamination:

The design of the actuator and the good sealing of the diaphragm reduce the risk of contamination.



Comparison of maintenance times

Diaphragm valves traditional (fixed in place with 4 screws)	Time in minutes	EnviZion valves	Time in minutes
Removal and replacement of the membrane	23	Removal and replacement of the membrane	3
Re-tensioning after sterilisation with repositioning	4	Re-tensioning after sterilisation with repositioning	0
Total per valve	27	Total per valve	3



How big is the savings potential?

The EnviZion valve is designed to reduce the risk of contamination and reduce maintenance time. The result is a 10% improvement in ROI in just 2 years and 25% after 10 years.

Example of a project

Number of valves: 1400

Number of cycles per year: 10

Years	Operations	Standard valves 	ValVES EnviZion 	Profit quota
0	Purchase price	1'500'000 €	1'900'000 €	-16%
	Installation work	142'403 €	10'087 €	
	Total costs for the installation of the valves	1'642'403 €	1'910'087 €	
1	Annual production capacity lost due to unplanned maintenance	250'000 €	83'333 €	-5%
	Annual production capacity lost due to scheduled maintenance	0 €	0 €	
	Total after 1 year	1'892'403	1'993'419 €	
2	Annual production capacity lost due to unplanned maintenance	250'000 €	83'333 €	+ 10%
	Annual production capacity lost due to scheduled maintenance	833'333 €	666'667 €	
	Total costs for the annual maintenance of the valves	207'207 €	169'005 €	
	Total after 2 years	3'182'943 €	2'912'424 €	
10	Total savings after 10 years	13'507'263 €	10'264'465 €	+25 %

"Our range of products in the pharmaceutical sector is almost unlimited. So please do not hesitate to contact us"