

For successful treatments

First thing to notice is the cap and just the cap is full of benefits. More importantly is the construction of the valve and the new revolutionary OxiBlock® coating on the inside of the cartridge. All these benefits comes with a cartridge that is **refillable**. We have gathered all our experience to develop a cartridge that will meet the Medical Device Regulation (MDR) and a sustainable environment for our future generations. This cartridge with its features will benefit your customer in a way that has not been possible until now.



OxiBlock®

Our coating OxiBlock® on the inside of the cartridge gives you a contamination-free environment for the gas. With this technique, we are the first brand that can offer you a cartridge that meets Medical Device Regulation (MDR). What we have seen is that without our coating you are not able to obtain a contamination free surface inside. This effects the durability and purity of the gas.

Valve for stable function

Our valve used in the gas cartridge has been built in a way so it is possible for us to refill used cartridges in our factory. To ensure higher durability we produce our valve only in stainless steel. The valve is mounted and sealed not only by a unique designed O-ring but also by a second O-ring. This allows the cartridge to handle up to 200 bars of pressure, which will give us a very secure fitting and long lasting shelf life

Cap

The fine and precise thread in the valve requires a precise cap to seal completely. Our new cap construction is in fine metal and it has its own sealing to ensure an even better shelf life for the cartridges.

Filling

All of our cartridges are filled in-house. We have put a lot of efforts in developing a unique gas filling station, that has the latest technique to optimize filling of cartridges. To establish a more precise and clean filling process, the filling station itself is equipped with nine separate 5 microns gas filter to ensure 100% purity. With our in house filling process, we have 100% traceability of the gas used in our cartridges. It was important for us to find an independent solution where we could fill and refill our cartridges. Today we have filling capacity of 1500 cartridges per day and are now looking for a fully automated filling line, with a capacity of more than 6000 gas cartridges per day to meet future demands.

Medical gas

With our filling process, we can ensure that the medical gas we use is kept 100% clean during the entire filling process. We have seen not only once but several times that medical gas is filled in cartridges under conditions that does not fulfill Medical standard, then one lose the point of using medical gas.

Shelf Life

Together with our gas manufacturer, Nippon gases, we have implemented a Just-In-Time system so that we can always offer you as our dealer the best shelf life for your gas cartridges. From the production day of the gas the durability is 3 years and with our system we never have gas older than 1 month in our production.

Warranty PLUS

With the meticulous control of all production steps of the cartridges, we are able to offer you, that if any faults in the devices from CryoIQ® or Cryoalfa® appears caused by use of CryoIQ gas cartridges we will replace the unit with a new equal CryoIQ® device. Just remember it is important that you follow the cleaning instructions in our User Guide.

Technical data

Surface coating

Nickel coating with Chrome 3 on the top, to eliminate risk for contact allergy. The coating also prevent the cartridge from surface oxidation like rust.

Medical device classification (EU MDD / MDR and US FDA)

CE marked Class IIa, Annex VIII, rule 9

FDA cleared Class II per regulation CFR 878.4350



Freezing time

With the standard tip, the 25 gram gas cartridge will give you a total treatment time of approximate 510 seconds. Using a tip with higher flow will consume gas faster.

Compatibility

| Order No. | Compatible with device |
|----------------|---|
| CIQ-G-VN25 | CryoIQ PRO, CryoIQ DERM plus CryoIQ DERM, Cryoalfa SUPER |
| CIQ-G-VN25-LUX | Cryoalfa LUX |