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|  | Technical Information | 730-147-EN | | V04 |
| | PCD Functionality Test | Created | 17.07.2017 | UK |
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| File no.: 0.3 | | | | |

If you want to test the PCD functionality there are only two things to test:

1. Is the tubing open or blocked? Just test if you can blow through.
2. Is the seal at the cap tight?

You shall exchange the seal every 500 to 1000 cycles. Seals are included in each refill pack. Close the cap, put it under water and blow in from the back side. If you don't see any bubbles, the seal is ok.

GKE already has modified the seal of the cap in 2009 so that the risk of destroying the O-ring is not anymore given at all, since the cap is screwed getting metal to metal without destroying the O-ring, so the risk for a leak is extremely seldom.

Since the PCD is always open on one side there is no much pressure difference between the inside of the capsule and the sterilizer chamber outside.

The PCD will not change its sensitivity characteristics because all important parts are made of stainless steel which are not corroding. The sensitivity properties can be tested only in a test sterilizer (Resistometer) which is done during the design phase.

The plastic case may change colour over time or get dirty. As long as the plastic is not melting above 200°C, it will not change the sensitivity characteristics.