

	<b>Technical Information</b>	<b>730-106-EN</b>		<b>V03</b>
	<b>Durability of GKE Compact-PCD®s to simulate Bowie-Dick-, type- and batch monitoring tests</b>	Created	06.10.2011	UK
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The Compact-PCDs distributed by GKE consist of a stainless steel tube and a stainless steel capsule inside, which are welded corrosion-free, and an outside plastic case, which is temperature-stable up to about 200°C.

GKE guarantees a durability of at least 10,000 cycles for the above-mentioned PCDs if handled properly. It is required that the seal of the cap is changed every 500 to 1,000 cycles. It is also important that the water used to generate steam in the sterilization process does not contain any salts or corrosive chemicals that can deposit in the PCD.

During longer use, dirt can accumulate in the micropores of the plastic cover, but this has no effect on the functionality of the PCD.

The biological or chemical indicators used in the PCD are integral components of the test system. GKE only guarantees the specifications of the PCD system according to DIN EN ISO 11140-1 type 2 if indicators approved and supplied by GKE are used which have not yet reached their expiry date.