



PCD® Selection Set

Tech Sheet

The PCD (Process Challenge Device) Selection Set is intended for use externally on products processed in Ethylene Oxide (EO) sterilization.

The set

- + Aids in selection of the correct PCD for validation and routine monitoring of EO sterilization cycles
- + Consists of four PCD types, each with a different resistance to EO
- + Contains the EZTest® Gas self-contained biological indicator

The PCD Selection Set consists of EZTest® EO SCBI packaged into pouches that are designed to be directly attached to the outside of the product to be sterilized. Four different PCD configurations are available with each offering an increased resistance to the EO sterilization process.7).

Selection Set

A series of four PCD resistances are included in a selection set. Each PCD type has been calibrated to impede the penetration of ethylene oxide gas and moisture at a defined rate, ranging from a lower challenge on one end (Type 7), up through and ending with a significant challenge on the other end (Type 2). Using the range of available PCDs externally attached to the product during validation, the user selects the PCD configuration that is equal to or greater than the resistance of the product challenge embedded in the load. This PCD would then be used externally for validation and routine monitoring.

PCD Selection Set (PCDV.13) is packaged 100 per box including 25 units of each configuration (i.e., Type 2, 4, 6, and 7).

Reorder Numbers for EZTest® Self-contained			Nominal D-value
Type 7	PCD 7.13	100 units	26 min
Type 6	PCD 6.13	100 units	35 min
Type 4	PCD 4.13	100 units	50 min
Type 2	PCD 2.13	100 units	58 min