



Process Challenge Device (PCD®) Selection Guide



Why do more manufacturers choose **Mesa PCD®** ?

1 Wide Product Range

- + Process challenge device (PCD) ethylene oxide (EO) nominal D-values range from 3 to 58 minutes and are readily available.
- + Self-contained biological indicators (SCBI) reduce incubation and release times help minimize total process turnaround times, and need for a clean bench.

2 Reduced Costs

- + Elimination of inhouse-produced, internal test packs greatly reduces material, labor and overhead costs.
- + External mounting of PCDs on each load minimizes recovery costs.
- + Release times using SCBI technology reduces product inventory in the pipeline.

3 Quality and Safety

- + All PCD components are manufactured in ISO 13485 certified facilities. Mesa has critical supplier agreements with numerous large and small medical devices companies world-wide.
- + Each PCD is supplied with a certificate of quality conformance. All critical components are fully traceable.
- + PCD identification is unique and load specific for sterilization and microbial qualification in case of BI failure.
- + Employee EO exposure is minimized during BI recovery.
- + PCDs are shelf stable per manufacturer's certification and confirming studies.

4 Quality and Safety

- + Eliminate the risk of inconsistency inherent in homemade PCDs.
- + Reduce the risk of healthcare-associated infections with simple to use commercially manufactured PCD.

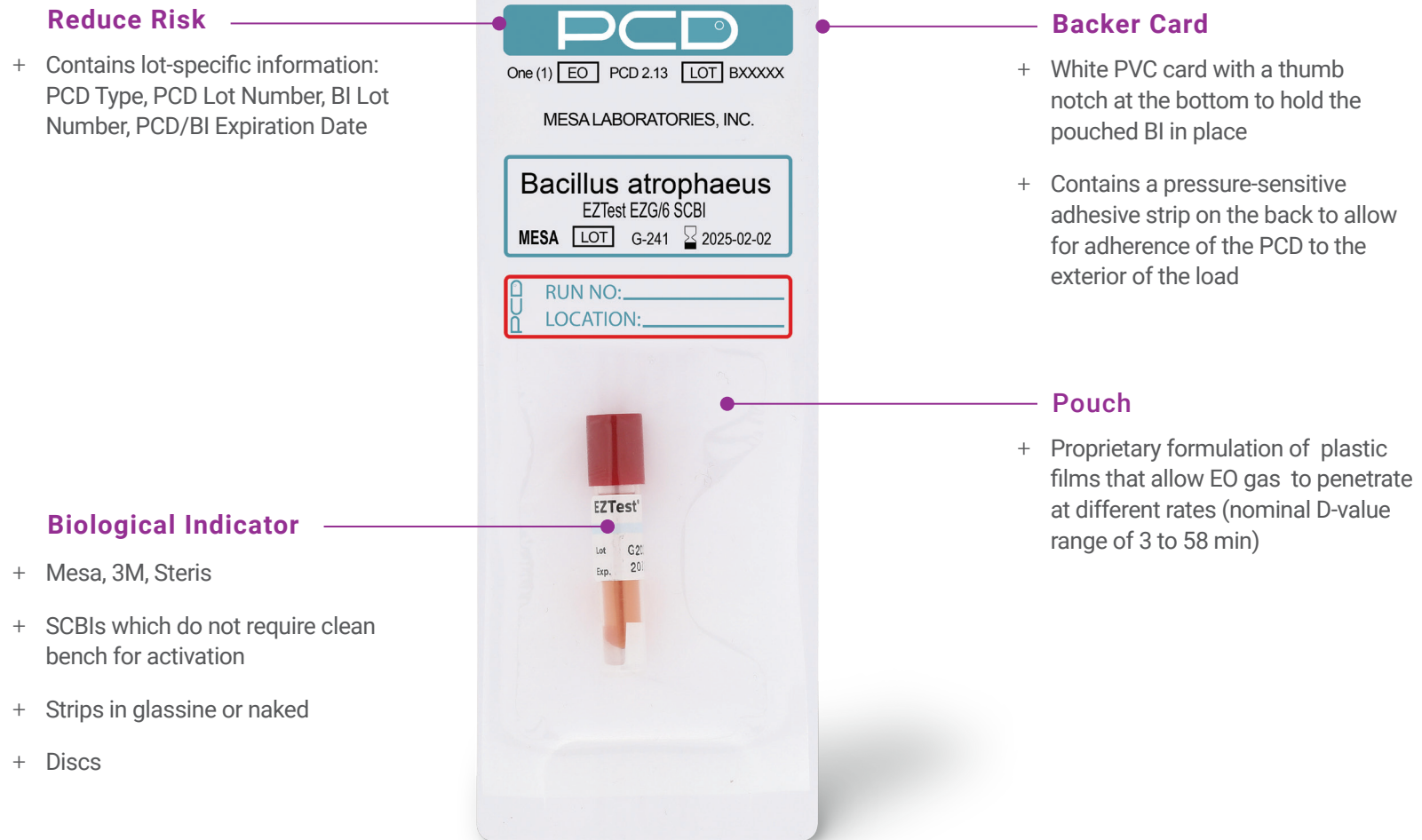
Mesa's PCD provides the ultimate in convenience, sterilization efficiency, reliability and cost savings for industrial sterilization users.

Need help selecting the right solution?

Go to mesalabs.com to speak with our experts

Our Unique Technology

Mesa PCD® is a unique, patented package of biological indicators or self-contained biological indicators for use in ethylene oxide sterilization processes. As defined in ISO 11135:2014, these process challenge devices are used for validation and to routinely monitor sterilization processes for medical devices.



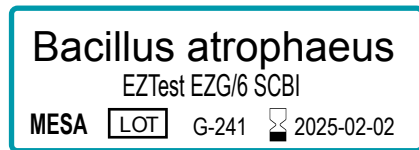
PCD Selection Set V.13

The Selection Set Contains 25 Each of PCD 2.13, PCD 4.13, PCD 6.13, PCD 7.13



One (1) **EO** PCD 2.13 **LOT** BXXXXX

MESALABORATORIES, INC



All PCDs are identified by a N.X nomenclature. The “N” prefix delineates a particular polymeric film/pouch specification called a PCD ‘Type’. This type is indicative of a particular EO resistance range. The “.X” suffix defines a particular BI or SCBI. The D-values listed are nominal values and are for reference and comparison only. These values were derived by laboratory testing an ISO 18472 compliant EO Resistometer.

Reorder No.	BI Manufacturer	D-value (min)	Reorder No.	BI Manufacturer	D-value (min)
Type 2	Most Resistance		Type 5	Low Resistance	
PCD 2.1	Mesa UniQ® Disc, 1-10006mm	28	PCD 5.1	Mesa UniQ®, 1-10006mm	4
PCD 2.12	MesaStrip, SGM/6	28	PCD 5.13	Mesa EZTest®, EZG/6 SCBI	13
PCD 2.13	Mesa EZTest®, EZG/6 SCBI	58	PCD 5.2	Steris BI Strip, NA005	4
PCD 2.2	Steris BI Strip, NA005	28	PCD 5.5	MesaStrip in Glassine, SGMG/6	5
PCD 2.5	MesaStrip in Glassine, SGMG/6	37	PCD 5.62	3M Attest™ 1264-S SCBI	13
PCD 2.6	3M Attest™ 1264-S SCBI	58	PCD 5.92	3M Attest™ 1294-S RRBI	13
PCD 2.7	Steris BI strip in glassine, NA005	37			
PCD 2.9	3M Attest™ 1294-S RRBI	58	Type 6	Medium Resistance	
Type 3	Least Resistance		PCD 6.1	Mesa UniQ® 1-10006mm	12
PCD 3.13	Mesa EZTest®, EZG/6 SCBI	3	PCD 6.13	Mesa EZTest®, EZG/6 SCBI	35
PCD 3.2	Steris BI Spore Strip, NA 005	3	PCD 6.2	Steris BI strip, NA005	12
PCD 3.5	MesaStrip in Glassine, SGMG/6	4	PCD 6.5	MesaStrip in Glassine, SGMG/6	17
PCD 3.6	3M Attest™ 1264-S SCBI	5	PCD 6.6	3M Attest™ 1264-S SCBI	35
PCD 3.9	3M Attest™ 1294-S RRBI	5	PCD 6.7	Steris BI strip in glassine, NA005	17
Type 4	Medium Resistance		PCD 6.9	3M Attest™ 1294-S RRBI	35
PCD 4.1	Mesa UniQ® Disc, 1-10006mm	21	Type 7	Medium Resistance	
PCD 4.13	Mesa EZTest®, EZG/6 SCBI	50	PCD 7.1	Mesa UniQ®, 1-10006mm	9
PCD 4.2	Steris BI Strip, NA005	21	PCD 7.13	Mesa EZTest®, EZG/6 SCBI	26
PCD 4.5	MesaStrip in Glassine, SGMG/6	32	PCD 7.2	Steris BI Strip, NA005	9
PCD 4.6	3M Attest™ 1264-S SCBI	50	PCD 7.5	MesaStrip in Glassine, SGMG/6	14
PCD 4.7	Steris BI strip in glassine, NA005	32	PCD 7.6	3M Attest™ 1264-S SCBI	26
PCD 4.9	3M Attest™ 1294-S RRBI	50	PCD 7.7	Steris BI Strip in Glassine, NA005	14
			PCD 7.9	3M Attest™ 1294-S RRBI	26
			Type 8 – H2O2 Cycles		
			PCD 8.13	Mesa EZTest®, EZH/6 SCBI	(H ₂ O ₂)

Ready to get started?
Connect with us at mesalabs.com

