



Active air  
sampling

SAL  
 $10^{-5}$

Isolator  
Cleanroom-  
eXtended  
Temperature

# BD Industrial Microbiology

Confidence in air monitoring from partners you can trust



# BD and Particle Measuring Systems® (PMS) offer a complete portfolio to meet your environmental monitoring needs.

## Key Advantages



### Precision sampling

Radial slits in the impactor heads on the MiniCapt Mobile microbial air samplers limit overlapping colony growth, allowing **optimal recovery of microorganisms**.

**Adjustable** height and diameter for 90mm plates allows selection of fill volume **to meet your requirements**.

The MiniCapt Mobile microbial air samplers have the ability to conduct **remote and compressed gas sampling** (via accessory), flexing to meet many air monitoring procedures.

BD BBL™ IC-XT plated media offer an SAL of 10<sup>-5</sup> to help minimize the risk of false positives and **protect crucial environments**.



### Sample security

The MiniCapt Mobile microbial air samplers generates data according to the test setup requested in the **ISO 14698-1 standard**.

HEPA filter exhaust on the MiniCapt Mobile microbial air samplers help to **limit environmental contamination**.

BD BBL™ IC-XT plated media are equipped with locking lids to **ensure sample integrity**.



### Data security

Electronic data exchange from the MiniCapt Mobile microbial air samplers **allow for direct data to be shared** with environmental monitoring or laboratory information management systems.

BD BBL™ IC-XT plated media are labeled with colored 2D barcodes which meet GS1 standards, allowing **samples to be easily identified and tracked**.

Combined, the MiniCapt® Mobile microbial air samplers and BD BBL™ IC-XT plated media provide precision sampling, sample integrity and data security for critical pharmaceutical manufacturing environments.



Model	Mobile 25M	Mobile 50 M	Mobile 100M
Sampling flow rate	25 L/min	50 L/min	100 L/min
Battery (Lithium ion) <sup>1</sup>	12 hours	7 hours	6 hours
Sampling interval Time:	1–400 minutes	1–200 minutes	1–100 minutes
Volume:	1–9999 L	1–9999 L	1–9999 L
Exhaust filter (HEPA)	Yes		
Data import/export via USB	Yes		
Compressed gas sampling	Yes (via accessory)		
Plate barcode reader	Yes (via accessory)		
External printer	Yes (via accessory)		
Ethernet connectivity	Yes		
Communication	Modbus TCP; USB for data download; USB for printer connection		
Power supply	Input: 100–240 VAC, 50/60 Hz, 1.5 A		
Memory	3,000 samples; 400 areas/locations; 50 recipes		
Sampling modes	Volume or time; Interval sampling		
Display	4.3" VGA (480 x 272) LCD with touchscreen		
Display languages	English, French, German, Italian, Japanese, Korean, Spanish, Chinese (traditional or simplified), Russian, Portuguese		
Dimensions (h x w x d)	10.2 x 5.7 x 5.9 in (26.0 x 14.5 x 15.0 cm)		
Weight	4.6 lb (2.1 kg)		
Operating environment	Temperature: 32–104°F (0–40°C); Humidity: 10–90% RH		
Calibration interval	Recommended every 12 months		

# BD and Particle Measuring Systems® air monitoring system

## MiniCapt® microbial air samplers and accessories

Cat. no.	Description
445100	Minicapt® EL Microbial Sampler 100 LPM
445101	Minicapt® Mobile Microbial Sampler 25 LPM
445102	Minicapt® Mobile Microbial Sampler 50 LPM
445103	Minicapt® Mobile Microbial Sampler 100 LPM
445104	Minicapt® Isolator Stand 25/50 LPM
445105	Minicapt® Isolator Stand 100 LPM
445106	Biocapt® Impactor 25/50 1/2» Side Outlet
445107	Biocapt® Impactor 100 3/4» Side Outlet
445108	MiniCapt® Remote sampling top 25/50 LPM

Cat. no.	Description
445109	Minicapt® Compressed Gas Kit 25 LPM
445110	Minicapt® Compressed Gas Kit 50 LPM
445111	Minicapt® Compressed Gas Kit 100 LPM
445112	MiniCapt® Mobile tripod mounting base
445113	MiniCapt® Mobile IQOQ Validation Protocol
445114	MiniCapt® Mobile IQOQ Protocol additional copy
445115	MiniCapt® EL - IQOQ Validation Protocol
445116	MiniCapt® EL - IQOQ Protocol additional copy
445117	MiniCapt® Remote sampling top 100 LPM

## BD BBL™ IC-XT plated media

The following BD BBL™ prepared plated media are currently used by the pharma industry and are ideally paired to work with the PMS MiniCapt® mobile air samplers.

Cat. no.	Description	Sterile	Dish	Fill	Quantity
257632	BD BBL™ IC-XT Pack Trypticase™ Soy Agar	Sterile	90MM	25.0 ML	100
257635	BD BBL™ IC-XT Pack Trypticase™ Soy Agar with Lecithin and Polysorbate 80	Sterile	90MM	25.0 ML	100
257633	BD BBL™ IC-XT Pack Trypticase™ Soy Agar with Lecithin and Polysorbate 80 and Penicillinase	Sterile	90MM	25.0 ML	100
257616	BD BBL™ IC-XT Pack Sanitizer Neutralizing Agar	Sterile	90MM	25.0 ML	100
257619	BD BBL™ IC-XT Pack Sabouraud Dextrose Agar with Lecithin and Polysorbate 80 and Chloramphenicol	Sterile	90MM	25.0 ML	100
257662	BD BBL™ IC-XT Pack Sabouraud Glucose Agar with Lecithin and Polysorbate 80	Sterile	90MM	25.0 ML	100
257729	BD BBL™ IC-XT Pack Trypticase™ Soy Agar with Lecithin and Polysorbate 80	Sterile	90MM	30.0 ML	100
257730	BD BBL™ IC-XT Pack Trypticase™ Soy Agar with Lecithin and Polysorbate 80 with Penase	Sterile	90MM	30.0 ML	100
257731	BD BBL™ IC-XT Pack Sanitizer Neutralizing Agar	Sterile	90MM	30.0 ML	100

For additional information, please contact your BD sales associate.

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