

BD BodyGuard™ Pain Manager



Pain management solutions

Designed around patients, the BD BodyGuard™ Pain Manager is an ambulatory infusion pump that offers a number of pain management modes to help improve quality of life and patient comfort. The BD BodyGuard™ Pain Manager infusion pump has 3 configurable modes: PCA, epidural and regional. It can be set to patients' needs or clinical specialty via different infusion modes: continuous only, bolus only, continuous plus bolus, and auto bolus. The BodyGuard™ Pain Manager infusion pump can be used for infusion through intravenous, subcutaneous, epidural, regional and wound infiltration routes.

Infusion Modes

- PCA
- Epidural
- Regional

Multiple Delivery Methods

- Basal only
- Basal & bolus
- Bolus only

Multiple Bolus Types

- Patient bolus
- Auto bolus
- Patient bolus combined with auto bolus

MediGuard™ Weight-based Dosing Software

Fully Programmable Drug Library

Order Codes[†]

Language	Product Code
English	999-803BDEN
Spanish	999-803BDES
Italian	999-803IT
French	999-803FR
German	999-803DE
Dutch	999-803NL
Danish	999-803DK
Swedish	999-803SE
Finnish	999-803FI
Norwegian	999-803NO
Turkish	999-803TU
Greek	999-803GR

BD BodyGuard™ Pain Manager infusion pump specifications

Dimensions and weight

Weight (with standard battery) 410 g

Pump only (H/W/D) 112 x 89 x 40 mm

Flow rate range

Basal rate 0 to 100 ml/hr in 0.1 ml increments
(depends on infusion modes)

KVO Rate 0 (OFF) - 5 ml/hr

Flow rate accuracy - $\pm 5\%$ *

Volume to be infused

0.1 – 1000 ml

Patient safety

Ultrasonic Air Sensor Air bubble size 0.04 – 1 ml

Occlusion Pressure adjustable 250-1500 mmHg
(adjustable depending on infusion mode)

Complies with the current version of the following standards

IEC 60601-1, IEC 60601-1-2, IEC 60601-1-6, IEC 60601-1-8, IEC 60601-1-11, IEC 60601-2-24, IEC 62304 and IEC 62366.

Protocols library

Fully programmable drug library, with automatic calculation of drug concentration programmable via PC with BodyComm™ software**

Up to 2000 user events log

Power supply

110-240 VAC, 50/60 Hz. 0.3 A max

Battery specifications

Rechargeable Li-Polymer 7.4 V Battery

1800 mAh.

Rate (mL/h)	Approx. Battery life (hours)
25	15
100	15

Pump alarms/alerts

Air in line / Up Occlusion, Down Occlusion, Pump Unattended, End of infusion, Near End of Infusion, Low Battery, End Battery, Pump Unattended, Door Open, Missing Set Key, System Error

Ports

1 x RS232 (Male) – for PC communication

Additional specifications

Insulation class II, type CF

Ingress Protection: IP33

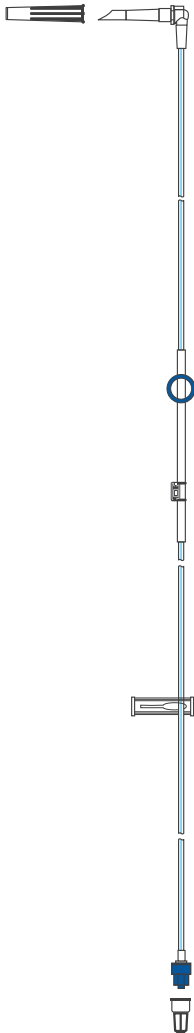
Linear Peristaltic mechanism

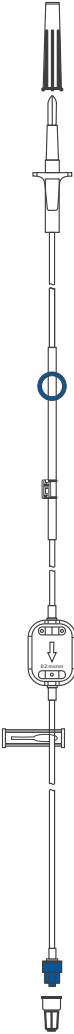
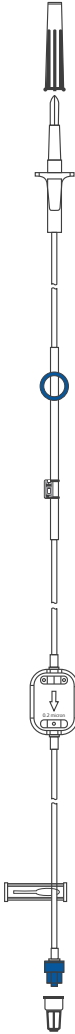
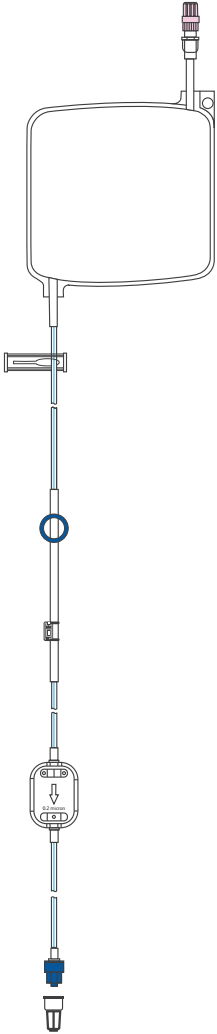
* Achieved under nominal conditions

** Only trained CME or BD associates or authorized representatives are allowed to configure BD BodyGuard™ infusion and syringe pumps and upload the clinician-approved protocols to supported pumps.

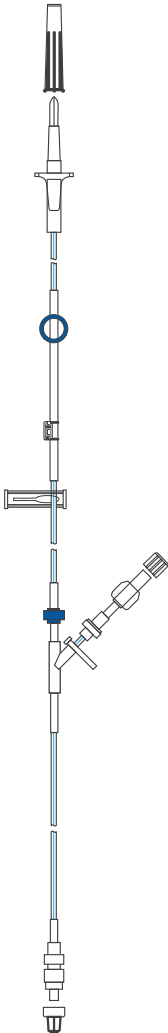
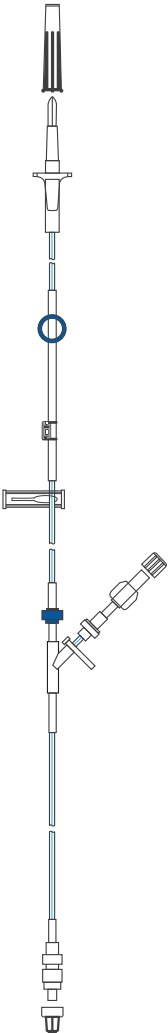
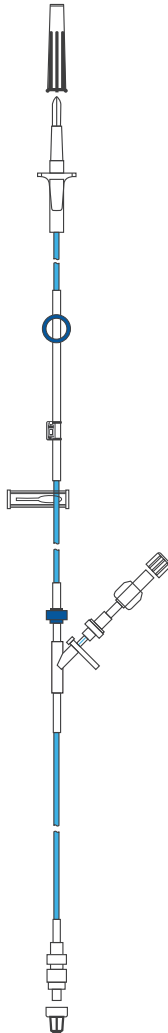
† Each order code contains several languages in addition to the primary language. Check with your local representative on product availability.

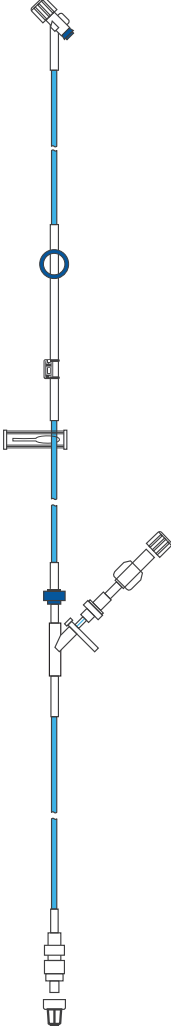
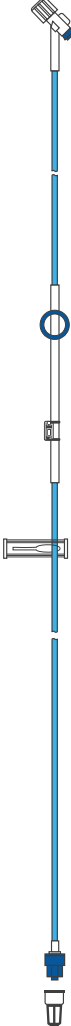
PCA Infusion Sets

SKU	PCA00001	PCA00004	PCA00002	120-160X90SK
				
				
				
				
Type tubing	Blue Striped	Blue Striped	Clear	Blue Striped
Tubing material	PVC	PVC	PE-lined PVC - Low sorbing	PVC
Y-Port	No	No	No	No
In-line Filter	No	No	No	No
Distal connection	Unvented Spike	Unvented Spike	Unvented Spike	Angle Spike - Unvented
Clamp	Roller	Roller	Slide	Slide
Anti-syphon valve	Yes	yes	Yes	Yes
Approx. Priming volume	4 ml	5 ml	4 ml	6 ml
Approx. Tubing	230 cm	250 cm	200 cm	230 cm
Inner box Qty	20	20	20	20
Case Qty	200	100	100	100

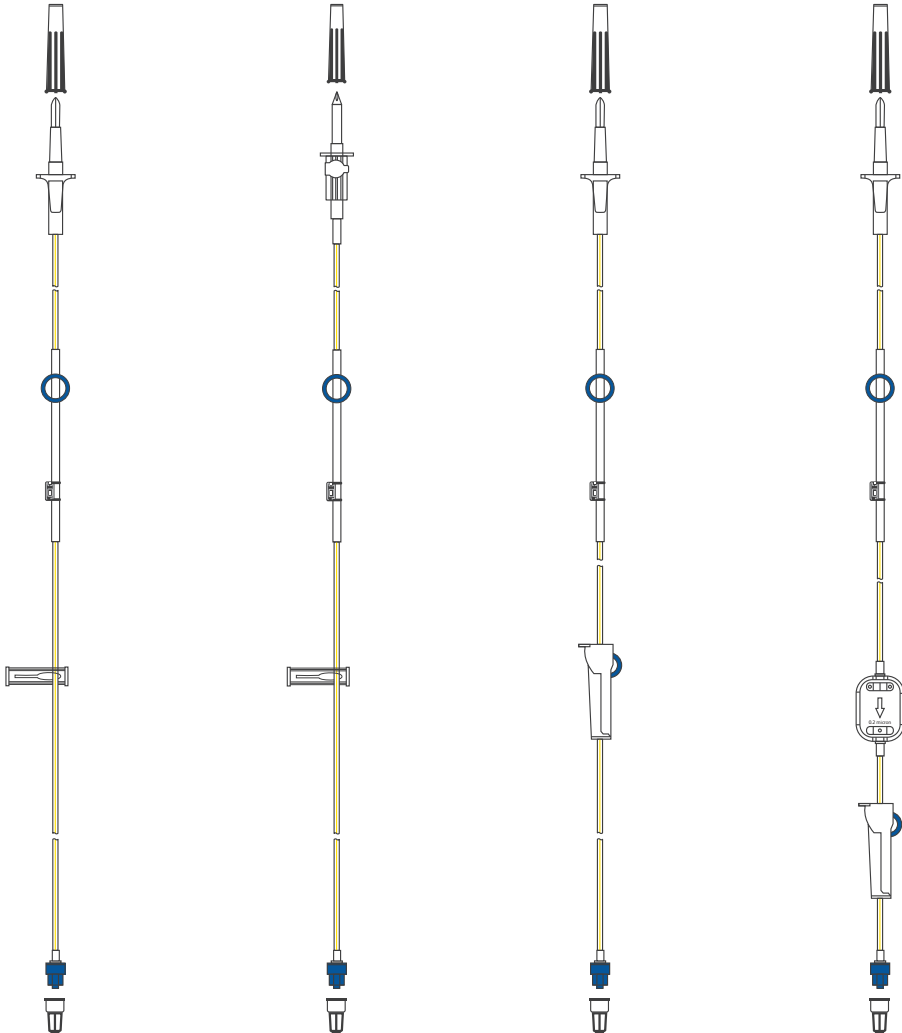
SKU	PCA00003	120-160XSFMK	PCA00005
			
Type tubing	Clear	Clear	Blue Striped
Tubing material	PE-lined PVC - Low sorbing	PVC	PVC
Y-Port	No	No	No
In-line Filter	0.2µm	0.2µm	0.2µm
Distal connection	Unvented Spike	Unvented Spike	Needle-free - bag 150 ml
Clamp	Slide	Slide	Slide
Anti-syphon valve	Yes	Yes	Yes
Approx. Priming volume	7 ml	8 ml	7 ml
Approx. Tubing	270 cm	270 cm	250 cm
Inner box Qty	20	20	10
Case Qty	100	100	50

PCA Infusion Sets

SKU	120-160XCSEK	120-160XCSK	121-160XCSEK
			
Type tubing	Blue Striped	Blue Striped	Blue
Tubing material	PVC	PVC	PVC
Y-Port	Luer lock	Luer lock	Luer lock
In-line Filter	No	No	No
Distal connection	Unvented Spike	Unvented Spike	Unvented Spike
Clamp	Slide	Slide	Slide
Anti-syphon valve	Yes	Yes	Yes
Approx. Priming volume	6 ml	5 ml	6 ml
Approx. Tubing	240 cm	250 cm	240 cm
Inner box Qty	20	20	20
Case Qty	100	100	100

SKU	100-184XSYK	100-184XSK
		
Type tubing	Blue	Blue
Tubing material	PVC	PVC
Y-Port	Luer lock	No
In-line Filter	No	No
Distal connection	Syringe Adaptor	Syringe Adaptor
Clamp	Slide	Slide
Anti-syphon valve	Yes	Yes
Approx. Priming volume	5 ml	5 ml
Approx. Tubing	240 cm	240 cm
Inner box Qty	20	20
Case Qty	100	100

Regional Anaesthesia and Epidural Infusion Sets

SKU	100-163XESK	100-163XESVK	EPI00001	EPI00003
				
Type tubing	Yellow Striped	Yellow Striped	Yellow Striped	Yellow Striped
Tubing material	PVC	PVC	PVC	PVC
Y-Port	No	No	No	No
In-line Filter	No	No	No	0.2µm
Distal connection	Unvented Spike	Vented Spike	Unvented Spike	Unvented Spike
Clamp	Slide	Slide	Roller	Roller
Anti-syphon valve	Yes	Yes	Yes	Yes
Approx. Priming volume	6 ml	4 ml	4 ml	7 ml
Approx. Tubing	230 cm	230 cm	230 cm	250 cm
Inner box Qty	20	20	20	20
Case Qty	100	100	100	100

SKU	100-163XE90SK	101-163XE90SK	100-160XSMG90EK	130-163XE90SK

Type tubing	Yellow Striped	Yellow	Grey	Green
Tubing material	PVC	PVC	PVC	PVC
Y-Port	No	No	No	No
In-line Filter	No	No	No	No
Distal connection	Angle Spike - Unvented	Angle Spike - Unvented	Angle Spike - Unvented	Angle Spike - Unvented
Clamp	Slide	Slide	Slide	Slide
Anti-syphon valve	Yes	Yes	Yes	Yes
Approx. Priming volume	5 ml	5 ml	5 ml	6 ml
Approx. Tubing	230 cm	230 cm	240 cm	230 cm
Inner box Qty	20	20	20	20
Case Qty	100	100	100	100

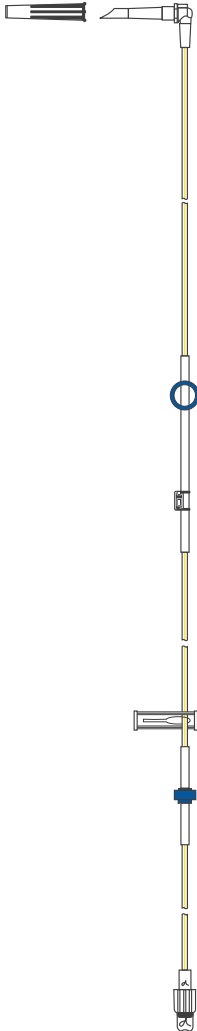
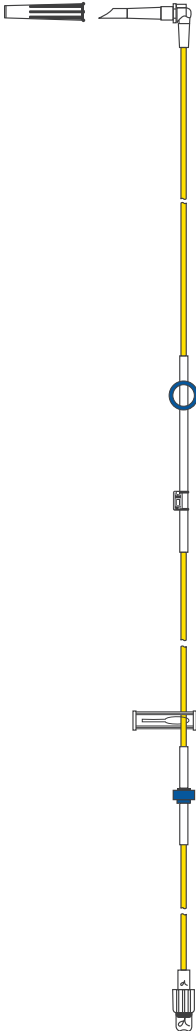
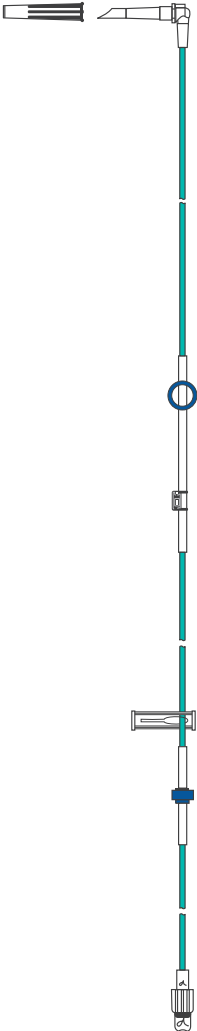
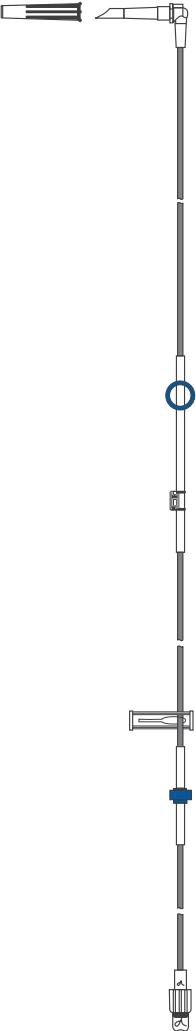
Regional Anaesthesia and Epidural Infusion Sets with NRFit™ connection

SKU	EPI00001-NRF	EPI00010-NRF	EPI00003-NRF
			
Type tubing	Yellow Striped	Yellow Striped	Yellow Striped
Tubing material	PVC	PVC	PVC
Y-Port	No	No	No
In-line Filter	No	No	0.2µm
Distal connection	Unvented Spike	Vented Spike	Unvented Spike
Clamp	Roller	Slide	Roller
Anti-syphon valve	Yes	Yes	Yes
Approx. Priming volume	5 ml	5 ml	7 ml
Approx. Tubing	230 cm	230 cm	250 cm
Inner box Qty	20	20	20
Case Qty	100	100	100

Regional Anaesthesia and Epidural Infusion Sets

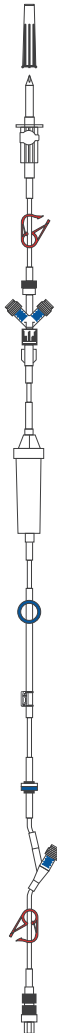
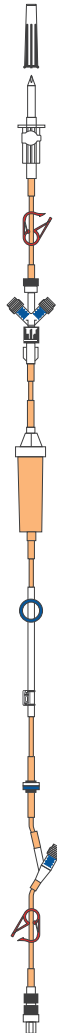
with NRFit™ connection

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SKU	EPI00011-NRF	EPI00012-NRF	REG00001-NRF	REG00002-NRF
				
Type tubing	Yellow Striped	Yellow Striped	Green	Grey
Tubing material	PVC	PVC	PVC	PVC
Y-Port	No	No	No	No
In-line Filter	No	No	No	No
Distal connection	Angle spike - Unvented	Angle spike - Unvented	Angle spike - Unvented	Angle spike - Unvented
Clamp	Slide	Slide	Slide	Slide
Anti-syphon valve	Yes	Yes	Yes	Yes
Approx. Priming volume	5 ml	5 ml	5 ml	6 ml
Approx. Tubing	230 cm	230 cm	230 cm	230 cm
Inner box Qty	20	20	20	20
Case Qty	100	100	100	100

Oncology Infusion Sets

Primary lines

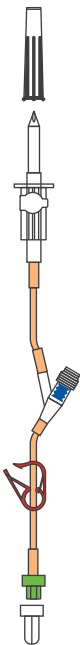
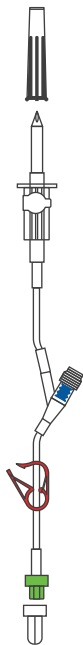
SKU	ONC00008	ONC00010	ONC00011	ONC00012
				
Type tubing	Clear	Light Resistant	Clear	Light Resistant
Tubing material	PE-lined PVC - Low sorbing	PE-lined PVC - Low sorbing	PE-lined PVC - Low sorbing	PE-lined PVC - Low sorbing
Y-Port	5x Needle-free	5x Needle-free	3x Needle-free	3x Needle-free
In-line Filter	No	No	No	No
Distal connection	Vented spike with in-line drip chamber	Vented spike with in-line drip chamber	Vented spike with in-line drip chamber	Vented spike with in-line drip chamber
Clamp	Pinch	Pinch	Pinch	Pinch
Anti-syphon valve	Yes	Yes	Yes	Yes
Approx. Priming volume*	6 ml	6 ml	6 ml	6 ml
Approx. Tubing	260 cm	260 cm	260 cm	260 cm
Inner box Qty			40	
Case Qty	40	40	160	40

*Excluding the volume in the drip chamber

Oncology Infusion Sets

Secondary lines

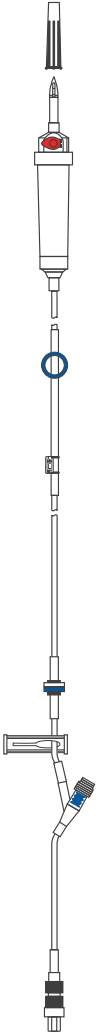
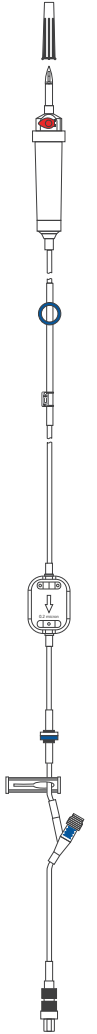
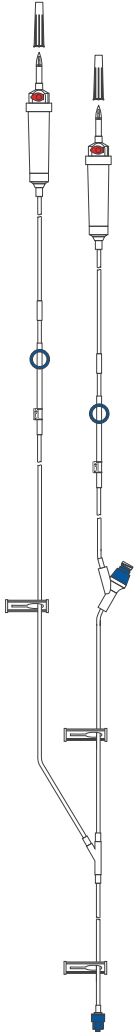
SKU	ONC00004	ONC00004UV
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Type tubing	Clear	Light Resistant
Tubing material	PE lined PVC - Low sorbing	PE lined PVC - Low sorbing
Y-Port	Needle-free	Needle-free
In-line Filter	No	No
Distal connection	Vented Spike	Vented Spike
Clamp	Pinch	Pinch
Anti-syphon valve	No, back check valve	No, back check valve
Approx. Priming volume	1 ml	1 ml
Approx. Tubing	30 cm	35 cm
Inner box Qty	20	20
Case Qty	100	100

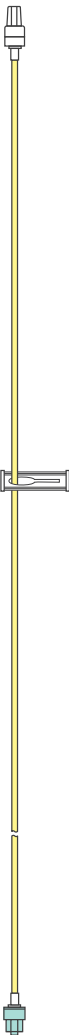
Oncology Infusion Sets

Primary lines

SKU	ONC00005	ONC00006	ONC00002
			
Type tubing	Clear	Clear	Clear
Tubing material	PE-lined PVC - Low sorbing	PE-lined PVC - Low sorbing	PVC
Y-Port	Needle-free	Needle-free	Needle-free
In-line Filter	No	0.2µm	No
Distal connection	Drip chamber vented	Drip chamber vented	2x Drip chamber vented
Clamp	Slide	Slide	Slide
Anti-syphon valve	Yes	Yes	Yes
Approx. Priming volume	5 ml	7 ml	5 ml
Approx. Tubing	240 cm	240 cm	240 cm
Inner box Qty	16	16	10
Case Qty	18	80	50

Extension Sets for Syringe Pumps

Designed for BD BodyGuard™ T

SKU	M100-172SL	M100-172SB
		
Type tubing	Light resistant	Clear
Tubing material	PVC	PVC
Y-Port	No	No
In-line Filter	No	No
Distal connection	Female Luer	Female Luer
Clamp	Slide	Slide
Anti-syphon valve	No, back check valve	No, back check valve
Approx. Priming volume	4 ml	4 ml
Approx. Tubing	200 cm	200 cm
Inner box Qty	20	20
Case Qty	100	100

Improving patients’ lives with enhanced mobility

Every setting our equipment is used in is as unique as the patients who use it. We know that, in every situation, mobility is crucial – so, we help enable a breadth of therapies to be delivered in a way that allows patients to get on with their lives.

A wide variety of accessories, accompanying sets and cradle charging attachments offer the ultimate flexibility.

Pouch/Bag

BD BodyGuard™ T Pouch



To carry pump, medication and lockbox while infusing

Product Code	Size (mm)	Weight (g)
100-176S	250x130x60	145

BD BodyGuard™ T Pouch without Lockbox



To carry pump and medication while infusing

Product Code	Size (mm)	Weight (g)
100-177S	195x90x55	120

BD BodyGuard™ T Pouch without Disposable Lockbox



To carry pump and medication while infusing

Product Code	Size (mm)	Weight (g)
100-176SD	280x130x60	30

Pouch/Bag



100 ml BD BodyGuard™ Pouch Blue

To carry pump and medication while infusing

Product Code	Size (mm)	Weight (g)	Type of IV bags
150-000X	130x170x90	170	100 ml



250 ml BD BodyGuard™ Pouch Blue

To carry pump, medication and lockbox while infusing

Product Code	Size (mm)	Weight (g)	Type of IV bags
100-083A	195x100x95	135	250 ml



500 ml BD BodyGuard™ Pouch Blue

To carry pump and medication while infusing

Product Code	Size (mm)	Weight (g)	Type of IV bags
150-001X	270x180x40	155	500 ml

250 ml BD BodyGuard™ Disposable Pouch

To carry pump and medication while infusing

Product Code	Size (mm)	Weight (g)	Type of IV bags
150-250XD	210x120x110	30	250 ml



250 ml BD BodyGuard™ Pouch Yellow

To carry pump and medication while infusing

Product Code	Size (mm)	Weight (g)	Type of IV bags
150-250XE	205x130x90	145	250 ml



2L BD BodyGuard™ Bag

To carry pump and medication while infusing

Product Code	Size (mm)	Weight (kg)	Color	Type of IV bags
160-002XB	365x300x95	1.1	Black	2L
160-002XG	360x300x60	1.1	Grey	2L
160-002XP	375x290x70	1.1	Pink	2L

Accessories

Pouch/Bag



3L BD BodyGuard™ Bag

To carry pump and medication while infusing

Product Code	Size (mm)	Weight (kg)	Color	Type of IV bags
BAG00008	310x550x110	1.4	Black	3L



Universal Carrying Case

Universal carrying case with protective foam insert

Product Code	Size (mm)	Weight (g)
CASE0002	320x250x120	975



Universal Trolley

Used with BAG00008

Product Code	Weight (g)
CNC00001	865

Accessories

Chargers and batteries



Rechargeable Li-polymer battery, 1800/3600 mAh

Provides power (Low voltage)
to the equipment

Product Code	Size (mm)	Weight (g)	Voltage (V)	Current (mAh)
130-050XV	80x55x15	85	7.4	1800
130-051XV	80x55x25	150	7.4	3600



Wall charger 8.2 V

Provides power (Low voltage)
to the equipment

Product Code	Length (m)	Weight (g)	Voltage (V)	Current (A)	Power (W)
999-WC	2	350	8.4	0.5	14

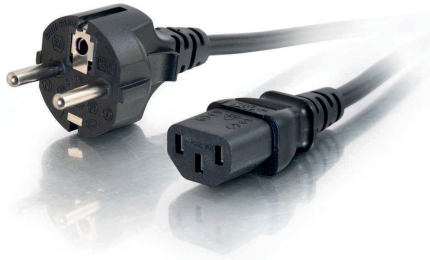


BD BodyGuard™ charger

Provides power (Low voltage)
to the equipment

Product Code	Size (mm)	Weight (g)	Voltage (V)	Current (A)	Power (W)
PCG00020	95x170x75	370	100-240	0.3	10

Power cords and cables



Power Cord 1.8/2.5 m

Provides mains power to the equipment

Product Code	Length (m)	Voltage (V)	Current (A)	Connector type
100-071	2.5	250	10	IS
100-071XA	2.5	250	10	EU
100-072XA	1.8	250	13	UK



DC Power Cable 1/1.5 m

Provides power to the equipment

Product Code	Length (m)	Voltage (V)	Current (A)	Connector type
196-000X	1	300	3.5	Mini XLR
196-000XA	1.5	300	3.5	Mini XLR



BodyComm™ Cable

Enables connection between computer and pump

Product Code	Connector type
197-100X	RS 232 to USB 2.0 COM



BodyComm BodyGuard™ Duo Adapter Cable

Enables connection between
Bodycomm™ cable and pump

Product Code	Connector type
CAB00013	RS232 to RS232

Pump compatibility table

Product Code	BD BodyGuard™	BD BodyGuard™ Pain Manager	BD BodyGuard™ Epidural	BD BodyGuard™ Duo	BD BodyGuard™ T
100-071	✓	✓	✓	✓	
100-071XA	✓	✓	✓	✓	
100-072XA	✓	✓	✓	✓	
196-000X	✓	✓	✓		
196-000XA	✓	✓	✓		
197-100X	✓	✓	✓	✓	
CAB00013				✓	

Accessories

Bolus cable



Bolus Cable without light

Enables patient bolus control

Product Code	Length (m)
140-100X	2



Bolus Cable with light

Enables patient bolus control

Product Code	Length (m)
140-400X	2

Pump compatibility table

Product Code	BD BodyGuard™	BD BodyGuard™ Pain Manager	BD BodyGuard™ Epidural	BD BodyGuard™ Duo	BD BodyGuard™ T
140-100X	✓	✓	✓		
140-400X	✓	✓	✓		

Miscellaneous



BD BodyGuard™ Drop Sensor

Enables to detect
flow in IV sets drip chamber

Product Code

121-100X



BD BodyGuard™ Pole Clamp Adaptor

Enables to attach all BodyGuard™ infusion
pumps to an IV pole

Product Code

CNC00002

Pump compatibility table

Product Code	BD BodyGuard™	BD BodyGuard™ Pain Manager	BD BodyGuard™ Epidural	BD BodyGuard™ Duo	BD BodyGuard™ T
121-100X	✓			✓	
CNC00002	✓	✓	✓	✓	