

# Ambu® ACTION™ Block Pump

## Disposable Pain Management System



### Key Benefits

- Performance and features common to electrical pumps in a 100% mechanical pump.
- Advanced flow regulator technology maintains flow consistency of +/- 5% and offers the ability to refill the reservoir.
- Full flexibility to set & titrate infusion parameters such as: flow rate (0.2 ml increments), reservoir volume and bolus volume to achieve the optimal nerve block for each patient.
- Reduces cost and minimizes inventory needs due to a high level of flexibility and modularity.
- Reduces post-operative pain and need for follow-up assistance from health care personnel.
- Available with a bolus option to manage break through pain.

## Completely Latex Safe!

The Ambu® ACTION™ Block Pump is a disposable pain pump designed to give consistent, customized and non-narcotic pain therapy through a continuous peripheral nerve block catheter.

The ability to easily change the infusion strategy throughout the therapy is a major advantage of the Ambu® ACTION Block Pain Pump system over other pain therapy alternatives.

Ambu ACTION Block Pain Pump is intended to be used in hospitals, alternative care sites and at home.

Ambu ACTION Block Pain Pump consists of two components; Compression Unit (reservoir) and ACTION Block Pain Pump Set (regulating set), each comes in a separate sterile package.

### Regulator

An innovative, patented mechanical flow regulator with exceptional features. Regulator maintains a consistent flow rate (+/- 5%) regardless of changes in administration pressure. Flow rate can be adjusted in 0.2 ml increments



### MultiBolus (optional)

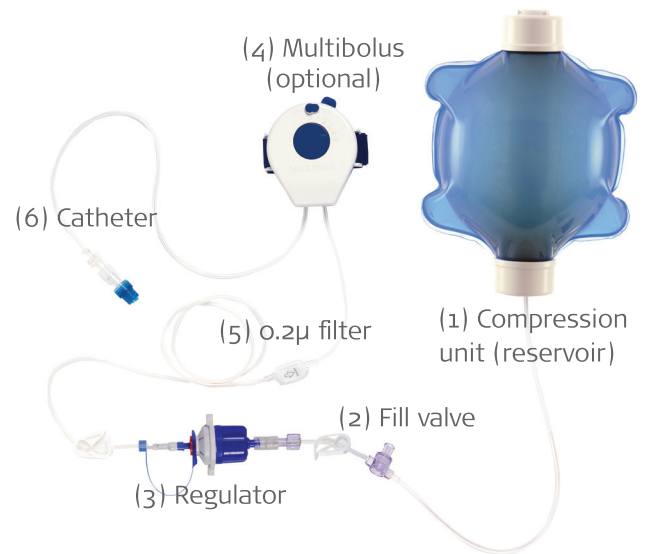
An unique patented multivolume mechanical bolus that enables the medical team to select and lock the bolus volume that best suits the patient's needs.

### Ambu ACTION Block Pump Package:

- Compression unit options: 200 ml, 400 ml, 650 ml, 1000 ml
- Regulating set options: 1-6 ml/hr and 5-15 ml/hr (with or without MultiBolus)
- 50/60 cc Luer lock disposable syringe
- Medication and pump labels
- Carrying Pouch
- Physician and Patient Instructions
- FlowSplitter (optional)
- Lock Guard

## COMPONENT

(1) COMPRESSION UNIT (RESERVOIR)	
Volume	200 ml, 400 ml, 650 ml, 1000 ml (minimal fill is 50 ml)
Refillable	The reservoir can be re-filled as many time as needed during the duration of use
Partial filling	The reservoir can be filled partially
(3) FLOW REGULATOR	
Flow rate range	1-6 ml/hr or 5-15 ml/hr (depends on version)
Stability	±5%
Safety	Ability to secure and permanently lock the selected flow rate
(4) MULTIBOLUS	
Volume	0, 1, 2, 3, 4, 5 ml (1 ml steps)
Accuracy	±15% of the selected bolus rate
Safety	Ability to secure and permanently lock the bolus volume
(5) 0.2µ FILTER	
Safety	The regulating set that the flow regulator is connected to is equipped with 0.2µ filter that provides filtration sterilization to avoid any contamination that might occur when filling the reservoir
OPERATION ENVIRONMENT AND STORAGE	
Recommended operation	+20° C (68° F) to +24° C (75° F)
Transport	Avoid exposure to direct sun light and temp over +50°C (122°F)
Long term storage	-15°C (5°F) to +40°C (105°F), avoid exposure to direct sun light
Sterilization: Method	EtO (Ethylene Oxide)
Shelf life: Unopened pouch	3 years from date of manufacture



## AMBU ACTION BLOCK PAIN PUMP: US ORDERING SPECIFICATIONS

Item No.	Description	Reservoir Max Volume	Flow Rate	Bolus	Carrying Pouch	Units Per Shipping Box
418 202 200	200 ml reservoir, 5-15 ml/hr regulator	300	5-15ml/hr	No	Yes	4
418 202 400	400 ml reservoir, 5-15 ml/hr regulator	500	5-15ml/hr	No	Yes	4
418 203 400	400 ml reservoir, 5-15 ml/hr regulator, Flow Splitter	500	5-15ml/hr	No	Yes	4
419 151 400	400 ml reservoir w/MBII 5-15 regulator	500	5-15ml/hr	Yes	Yes	4
419 102 650	650 ml reservoir, 5-15 ml/hr regulator	650	5-15ml/hr	No	Yes	4
419 109 650	650 ml reservoir, 5-15 ml/hr regulator, Dual Regulating Set	650	5-15ml/hr	No	Yes	4
419 101 650	650 ml reservoir w MultiBolus, 5-15 ml/hr regulator	650	5-15ml/hr	Yes	Yes	4
419 151 650	650 ml reservoir w/MBII 5-15 regulator	650	5-15ml/hr	Yes	Yes	4
419 004 000	1000 ml reservoir, 5-15 ml/hr regulator	1000	5-15ml/hr	No	Yes	4
419 151 1000	1000 ml reservoir w/MBII 5-15 ml/hr regulator	1000	5-15ml/hr	Yes	Yes	4

## ACCESORIES ORDERING SPECIFICATIONS

Item No.	Description	Units Per Shipping Box
418 000 506	Regulating Set 5-15 ml/hr	8
418 000 501	Regulating Set 5-15 ml/hr with "Y" tubing connector	8
418 000 519	Regulating Set 5-15 ml/hr with MultiBolus	8
418 000 540	Regulating 5-15ml/hr with MB II	8
418 000 531	Regulating Set 1-6 ml/hr	8
418 000 512	Regulating Set 1-6 ml/hr MultiBolus with "Y" tubing connector	8
418 000 511	Regulating Set 1-6 ml/hr with MultiBolus	8
418 000 539	Regulating 1-6ml/hr with MB II	8
418 000 505	ACTion Pump Flow Splitter	5
418 000 507	ACTion Pump Y Tubing Connector	5
418 000 400	Reservoir Set 400 ml	8
418 000 650	Reservoir Set 650 ml	8