

ABC Model 4100

Section: 1 GENERAL SPECIFICATIONS

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| Overall Size | 9.5" wide × 3.95" high × 5.9" deep |
| Weight | 4.99 Pounds |
| Accuracy | ±3%, excluding syringe variations |
| Infusion Modes | <u>Body-Weight Modes</u> mcg/KG/min, mcg/KG/HR, MG/KG/min, MG/KG/HR <u>Mass Modes/Unit Modes</u> mcg/min, mcg/HR, MG/min, MG/HR mU/min, mU/HR, U/min, U/HR <u>Continuous Modes</u> ML/min, ML/HR <u>Volume/Time Mode</u> dose volume / delivery time |
| Flow Rate | Dependent on syringe size selected (see Appendix II) |
| Bolus | In Body-Weight, Mass, Unit, and Continuous Modes |
| Power | AC Power or DC Internal rechargeable batteries |
| Recharge Time | No longer than 8 hours |
| Battery Capacity | At 25 degrees C, 8 hour charge will operate the pump for approximately 12 hours at 5.0 ML/HR with a 60 ML syringe |
| Alarms/Alerts | Audio Volume Alarm: LOW, NORM, or HIGH Battery Depleted Bolusing Check Track Syringe Empty Invalid Number / Try New Number Invalid Size / Check Syringe Low Battery Near Empty Occlusion (Plunger) Plunger Disengaged Syringe Dislodged System Malfunction / Error Code ## Temporary Delay Alarm: 2 to 60 minutes |
| Status Alerts | Battery Charging Battery Depleted Battery in use Deliver Priming Standby Mode Stop/Program |

Syringe Manufacturer

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|------------------------|---------------------------------|
| Becton Dickinson (B-D) | 1, 3, 5, 10, 20, 30, 50/60 ML |
| Monoject (Mono) | 1, 3, 6, 12, 20, 35, 60, 140 ML |
| Terumo (Teru) | 1, 3, 5, 10, 20, 30, 60 ML |
| B-D Glass (B-D G) | 1, 2.5, 5, 10 ML |
| ABC | 140 ML |

Enteral Syringe Manufacturer

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|-----------------------------|-------------------------------|
| B-D with Enteral Tip (ETBD) | 1, 3, 5, 10, 20, 30, 50/60 ML |
| Mono with Enteral Tip(ETMN) | 1, 3, 6, 12, 20, 35, 60 ML |
| Baxa® NeoThrive (BAXA) | 1, 3, 5, 10, 20, 35, 60ML |
| NeoMed® (NEOM) | 1, 3, 6, 12, 20, 35, 60 ML |
| Ameritus® (SVN) | 1, 3, 6, 12, 20, 35, 60 ML |
| Vygon® C-Gon (VYGO) | 1, 2.5, 5, 10, 20, 35, 60 ML |

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|------------------------|-------------|
| Total Delivered | |
| from 0.01 | To 99999 ML |
| from 0.01 | To 99999 MG |
| from 0.01 | To 99999 U |

Becton Dickinson (B-D) is a trade mark of Becton Dickinson and Co.

Monoject is a trade mark of Kendall Company/Tyco Healthcare

Terumo is a trade mark of Terumo Company

ABC stands for Atlanta Biomedical Corporation

ETBD/ETMN are the same luer-tip B-D/MONO syringes with added enteral tip.


Baxa® is a trade mark of Baxa Corporation

NeoMed® is a trade mark of NeoMed, Inc.

Ameritus® is a trade mark of Kentec Medical, Inc.

Vygon® is a trade mark of Vygon Corporation

Power Rating: 120VAC, 115mA, 50/60Hz (240AC, 90mA, 50/60Hz available)

Safety Protection: Class I, Type BF IPX1 Protected  Equipment, against dripping water

⚠ WARNING: Accessories equipment connected to the communications port of this unit must be certified to the respective IEC/EN standards (i.e. IEC/EN 60950-1 for data processing equipment and IEC/EN 60601-1 for medical equipment.) Furthermore all configurations shall comply with the system standard IEC 60601-1-1.

⚠ WARNING: The maximum over-infusion which could occur in the event of a single-fault condition will not exceed 2 seconds of infusion at any infusion rate.

Operating Orientation: Pump is primarily designed for operating in horizontal position, but other orientations (e.g., 90° vertical) will not affect delivery accuracy.

Normal Operating Conditions

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| Temperature | 5°C to 40°C (40°F to 104°F) |
| Relative Humidity | 15 to 95% non-condensing |
| Ambient Pressure | 70kPa to 106kPa (10.2 psi to 15.4 psi) |
| Infusion Back Pressure: | -100mmHg to +300mmHg |

Storage Conditions:

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|--------------------|--|
| Temperature: | 0°C to 60°C (32°F to 140°F) |
| Relative Humidity: | 5 to 95% non-condensing |
| Ambient Pressure: | 70kPa to 106kPa (10.2 psi to 15.4 psi) |