Helmier®

# GRASEBY™ 3300 SYRINGE PUMP




## High Infusion Output Accuracy:
**± 1.5%**

## Wide Infusion Flow Rate Range:
**2100 mL/h**

## Infusion Modes:
**8 Infusion Modes**

**Battery Support**
More than 8 hours

**Touchscreen**

**Connectivity**
Wifi

**Power Adaptor**
USB-C

**Drug Library & DERS**
Upto 2000 Drugs

**History Log**

**IP Protection**
Grade IP24

## Technical Specifications

| | | |
|---|---|---|
| **Infusion Parameters** | Infusion Output Accuracy | ±1.5% |
| | Infusion Flow rate range | 0.01 mL–2100 mL/hr |
| | Modes of Infusion | 8 modes of Infusion: RVT mode, Drug Library mode, Loading Dose mode, Micro mode, Dose mode, RTM mode, Sequence mode, Intermittent mode |
| | Maximum flow rate | 2100 mL/hr |
| | VTBI Range | 0~9999.99 mL with resolution of 0.01 mL |
| **Syringes Compatibility** | Syringe sizes | Supports 2/3 mL, 5 mL, 10 mL, 20 mL, 30 mL and 50/60 mL |
| | Syringe brand slots | 5 pre-calibrated brands and 10 open user defined slots |
| **Purge / Bolus & KVO** | Purge Rate/Bolus Rate | 2/3 mL syringe: 1~100 mL/h; 5 mL syringe: 1~150 mL/h; 10 mL syringe: 1~400 mL/h; 20 mL syringe: 1~600 mL/h; 30 mL syringe: 1~1000 mL/h; 50/60 mL syringe: 1~2100 mL/h; resolution is 1 mL/h |
| | Purge VTBI/Bolus VTBI | 0.10 mL~50.00 mL with resolution of 0.01 mL |
| | KVO Rate | Constant KVO: Infusion rate 0.10 mL/h~5.00 mL/h, step by 0.01 mL/h |
| **Occlusion Levels** | Occlusion-Threshold | 9 levels, with the lowest being 26 kPa±20 kPa, and the highest being 130 kPa±20 kPa |
| | Occlusion Safety | GRASEBY™ Smart Occlusion Eliminator |
| **Drug Library / Drug List** | Drug Library with DERS | Drug list of approx. 2000 drugs with Dose Error Reduction Software |
| **Connectivity** | Wifi | Optional Wifi connectivity |
| **Power & Battery Support** | AC Power | Network power supply: ~100V 240V, 50/60 Hz |
| | Battery Type | 7.4V rechargeable Lithium battery specification: 21700/4800mAh*2PCS |
| | Battery Back Up | 8hrs @ 5 mL/hr |
| **Others** | Dimensions | 280mm × 130mm × 118mm (width x depth x height) |
| | Display | Touchscreen |
| | Weight | 1.6 Kgs |
| | Classification & IP Grade | Class II & IP24 |

## Ordering Information:

| Product | Description | Item Code |
|---|---|---|
| Graseby™ 3300 | Graseby™ 3300 Syringe Pump | 14D1X100! |


**Manufacturing Facility**
377, Sreyas Building, 1st Cross Street, Old Mahablipuram Road, OMR Perungudi, Nehru Nagar, Chennai, Tamil Nadu-600096 | **E** cs@helmier.com | **P** +91-44-35237513.

**Registered Head Office**
Helmier Private Limited, B-1006, Western Edge II, Off Western Express Highway, Borivali East, Mumbai-400 066 | **W** www.helmier.com | **E** cs@helmier.com | **P** +91-22-46038190.


Brochure Doc: Graseby 3300