

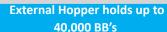
## **BB DROPPER**

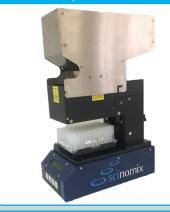
## **AUTOMATED BB DISPENSER**

The BB Dropper (model # 1073) is a benchtop device designed to dispense metallic BBs into microplates\*, deep well blocks\*, and tube blocks\*.

## **FEATURES & BENEFITS**

- Can be used stand alone or integrated into larger third party systems
- User changeable cartridges allow for various BB sizes
- The operating height of the dispensary mechanism is adjustable to accommodate various plate/block heights (up to 80mm)
- Microprocessor program allows for automatic operator prompting, device control, and error checking
- Backlit LCD display to prompt user and indicate errors
- Hopper capacity ranges from 3,800 to 20,000 BB depending on BB size
- Optional hopper extension to increase BB capacity





Hopper holds up to 20,000 BB's



Lift plate for RS232 mode





Contact us for more info! 314-298-9800 info@scinomix.com scinomix.com



| SCINOMIX BB DROPPER SPECIFICATIONS   |   |  |  |   |   |
|--|---|--|--|---|---|
| System Requirements  | Stand alone/manual mode: N/A, Integration mode: RS232 cable   |  |  |   |   |
| Network Requirements   | N/A   |  |  |   |   |
| Air Requirements   | 80-90 psi @ 1 CFM air   |  |  |   |   |
| Main Power Requirements  | 110-240 VAC @ 1.0 A, 50-60 Hz   |  |  |   |   |
| Provided Power Supply  | Output Voltage: 24 V DC Max Output Current: 2.71 A Max Output Power: 65 W Max Ripple and Noise: 240 mV p-p  |  |  |   |   |
| Operating Environment  | (Indoor use only)  Temperature: 10 degrees C to 32 degrees C  Humidity: 20% to 80% non-condensing  Altitude: Up to 2000M  Main Supply: +/- 10% Rated Voltage  Transient overvoltage: Installation Category (Overvoltage category) I  Rated pollution: Pollution degree II |  |  |   |   |
| Transport and Storage Temperature  | -4 degrees F to 104 degrees F (-20 degrees C to +55 degrees C)  |  |  |   |   |
| Physical Dimensions  | Max Height: 11.74" (298.19mm) Width: 6.73" (170.94mm) Depth: 10.69" (271.53mm) Weight: 12lb. (5.5KG)  |  |  |   |   |
| Number of BBs per well/tube  | 1-10  |  |  |   |   |
| Plate Height Specifications  | Max Height: 80 mm, Min Height: 14.4 mm (*plate requirements)  |  |  |   |   |
| Number of Racks  | 1 Microplate*   |  |  |   |   |
| BB Ranges & Hopper Capacity<br>(this information is based on<br>metallic BB's. This device is not<br>compatible with plastic or glass BB<br>materials) | Part Number<br>1073-501-001<br>1073-502-001<br>1073-503-001<br>1073-504-001   | BB Diameter Range (in)<br>0.110 - 0.130<br>0.156 - 0.175<br>0.172 - 0.190<br>0.190 - 0.225 | BB Diameter Range (mm)<br>2.794 - 3.302<br>3.962-4.445<br>4.368 - 4.826<br>4.823 - 5.715 | Hopper Capacity<br>20,000<br>10,600<br>8,000<br>3,800 | External Hopper<br>40,362<br>40,000<br>30,200<br>14,100 |
| BB Materials not Compatible  | non-ferrous material  |  |  |   |   |
| Average Cycle Time   | 4.193 seconds per BB  |  |  |   |   |
| Certifications   | CE  |  |  |   |   |
| *Plate & Block Requirements  | ANSI SLAS PLATE REQUIREMENTS:https://www.slas.org/SLAS/assets/File/ANSI_SLAS_1-2004_FootprintDimensions.pdf   |  |  |   |   |

