

# Solids Dispenser SDB-1 Robotic Module

01

The bench-top **Solids Dispenser SDB-1** can be integrated with a **Robotic Module** for automated batch dispensing of a rack of microtubes or vials. The module is operated via touch screen controller which synchronises dispensing and the moving of the rack.

This solution increases productivity by allowing for “walk-away” time of lab operators. It alleviated tedious repetitive tasks and improves process quality.



## Workflow

- Tube or vial racks are inserted in the support of the xy gantry on the robotic module. Dispensing process is started from touchscreen controller and can be paused / restarted at each moment.
- Settings for custom racks with number of containers as well as spacing can be entered

# Solids Dispenser SDB-1 Robotic Module

---

02

## Features

- Integrates SDB-1 Dispenser with full functionality
- Pause/Start/Pause after action/Restart function
- Multiple dose dispensing (up to 99x repeat shots per container)
- Custom well-plate configuration:
  - Number of tubes/vials along X-axis
  - Number of tubes/vials along Y-axis
  - Spacing between adjacent tubes/vials along X-axis
  - Spacing between adjacent tubes/vials along Y-axis
  - Index location for first tube/vial

## Specifications

- Dosing cycle time: 6 - 8 sec.
- Size: W 250mm x D 480mm x H 500mm
- XY travel: 200mm x 230mm
- Weight: 11 kg
- Power Supply switching: 115V / 230V
- Power rating: 350W

