

IntelliXcap Automated Septum Cap Decapper/Recapper 96-format

The IntelliXcap™ Automated Septum Cap Decapper/Recapper is ideal for use in high-throughput workflows that require capping and decapping of septum capped tubes. The instrument provides secure sealing – eliminating the need for manual intervention, while preserving vital sample integrity.

This high-speed whole rack tube decapper and capper automatically removes, recaps, or disposes of septum caps from a full 96-format SBS rack of sample storage tubes as well as allowing for the capping of Azena tubes from a cap mat. The system is ideal for use within high-throughput environments such as in biobanking, compound libraries, and other storage applications.

Compatible with multiple sample storage tube types from a range of tube manufacturers, the system provides flexibility in either fully automated robotic systems or as a standalone unit.



Key Features

ADVANCED AUTOMATION FOR INCREASED THROUGHPUT

- Suitable for use with 96-format tubes from Azena as well as those from other manufacturers
- Automation and speed reduces sample handling time, increasing sample throughput workflow
- Ideal for medium to high-throughput laboratories managing compound libraries, biobanks, or other biological samples

COMPACT, MODULAR DESIGN FOR ULTIMATE FLEXIBILITY

- No requirement for compressed air for flexible use within the lab
- Capping module available for Azena labware, enabling capping of tubes from cap mat
- Single column harpoon decapping and recapping available as add-on

EASY TO USE, EASY TO INTEGRATE

- Quick installation and easy-to-use touch panels bring instant control
- Wide operating temperature range of 15°C to 35°C
- Control is via a quick installation, easy-to-use touch panel

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Specifications

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| Dimensions (D x W x H) | 770 × 255 × 330 mm |
| Weight | 18.5 kg |
| Weight (with Capping Module) | 20.5 kg |
| Ambient operating temperature | 15°C to 35°C |
| Power Supply Voltage | 100-240 ±10% Vac |

Ordering Information

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| IntelliXcap Automated Septum Cap Decapper/Recapper 96-format | |
| 46-5030 | Suitable for validated 96-format septum capped tubes, please specify tube type when ordering; 1 decapper/capper |
| IntelliXcap Accessories | |
| 46-5061 | Single Column Harpoon, 1 column, compatible with Azenta consumables and other manufacturerd labware |
| 46-5051 | Adaptor Kit for Thermo Matrix tubes, compatible with 1.4 ml Matrix 2D Tubes (3791), Matrix 2D Tubes caps (4465); 1 kit |