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IntelliXcap™ Automated Screw Cap Decapper/Recapper 48-format



IntelliXcap Automated Screw Cap Decapper/Recapper 48-format is next-generation, engineered for increased throughput, ease of use and high system reliability, making the system ideal for any laboratory managing compound libraries or biological sample stores

- Advanced automation for increased throughput
- Compact, modular design for ultimate flexibility
- Easy to use, easy to integrate
- For use with 48-format racked tubes
- Enquire today for alternative cartridges to match your tubes

Overview

Azenta Life Sciences IntelliXcap Automated Screw Cap Decapper/Recapper 48-format is next-generation, engineered for increased throughput, ease of use and high system reliability, making the system ideal for any laboratory managing compound libraries or biological sample stores. It's extremely fast and works with multiple sample storage tube types from a range of tube manufacturers in 48 format. Capable of de-capping a complete rack of 48 tubes in as little as 20 seconds.

Automation and high speed reduces sample handling time, increasing sample throughput workflow. Ideal for medium to high-throughput laboratories managing compound libraries, biobanks or other biological samples.

Broad compatibility with a wide range of tube types. Works with multiple sample storage tube types from a range of tube manufacturers. New cartridges are in development continuously - if your tube type is not listed, get in touch today! Cartridges are interchangeable - one instrument to decap multiple tube types in 48 format.

Key Features

- **Advanced Automation for Increased Throughput**
 - Extremely fast, works with multiple sample storage tube types from a range of tube manufacturers
 - Suitable for use with 48-format racked tubes
 - Capable of de-capping a complete rack of 48 tubes in as little as 20 seconds
 - Automation and high 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**
 - Features a unique, fully automated, interchangeable cartridge cap driver system
 - Cartridges allow format change between different tube types in less than 2 minutes
 - Simply by fitting the relevant cartridge, IntelliXcap Automated Screw Cap Decapper/Recapper 48-format is compatible with all Azenta Life Sciences sample storage tubes, and support other sample tube ranges available in the market
 - Cartridges are available for both internal and external thread screw-cap tubes
 - No need for specialist intervention to change cartridge drivers
 - Control is via a quick installation, easy-to-use touch panel
- **Easy to Use, Easy to Integrate**
 - Quick installation, easy-to-use touch panels bring instant control
 - Wide operating temperature range of 5°C to 40°C
 - Electric torque control means less persistent wear on cap drivers
 - Sample rack stage extension facilitates fully automated workflow integration

Specifications

Parameter	IntelliXcap Automated Screw Cap Decapper/Recapper 48-format
Dimensions (H x W x D)	386.2 x 256 x 464.4mm
Weight	28.74kg
Ambient operating temperature	5°C to 40°C
Capping/decapping speed	20-40 sec to decap or to recap a rack of tubes

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