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IntelliXcap™ Automated Screw Cap Decapper/Recapper 24-format



IntelliXcap Automated Screw Cap Decapper/Recapper 24-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 24-format racked tubes
- Enquire today for alternative cartridges to match your tubes

Overview

Azenta Life Sciences IntelliXcap Automated Screw Cap Decapper/Recapper 24-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. Capable of de-capping a complete rack of 24 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 24 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 24-format racked tubes
 - Capable of de-capping a complete rack of 24 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 24-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 24-format
Dimensions(H x W x D)	386.2 x 256 x 464.4mm
Weight	27.96kg
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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