

IntelliXcap



IntelliXcap™ is the next-generation capper and de-capper, 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.

Key Features

Advanced Automation Means Increased Throughput

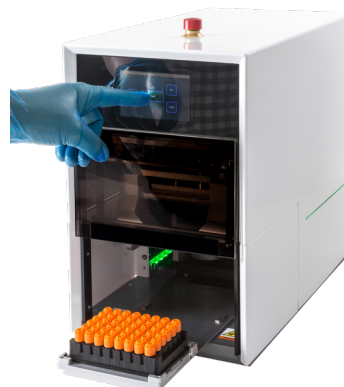
- IntelliXcap is extremely fast and works with multiple sample storage tube types from a range of tube manufacturers in 24, 48 and 96 format
- Capable of de-capping a complete rack of 96 tubes in as little as 20 seconds
- Automation and high speed reduces sample handling time, increasing sample throughput workflow
- Ideal for medium to high-throughput laboratories managing compound libraries, biobanks or other biological samples
- Specific model available with verification camera, designed for use with Azena Life Sciences Acoustic Sample Tube – Echo Qualified Consumable

Compact, Modular Design Means Ultimate Flexibility

- IntelliXcap features the unique, fully automated, interchangeable cartridge cap driver system
- Cartridges allow change between different pre-configured tube types in less than 2 minutes
- Simply by fitting the relevant cartridge, IntelliXcap is compatible with all Azena sample storage tubes, as well as sample storage tubes from Thermo Matrix, Thermo Nunc, LVL and Micronic
- Cartridges are available for both internal and external thread screw-cap tubes
- Control is via a quick installation, easy-to-use touch panel
- Light Curtain System detects the height of tube rack on the stage reducing the risk of damage to tubes, samples or the instrument itself that could be caused by failed de-capping / capping or the use of incorrect consumables



Capper & De-capper for 96, 48 and 24 format Screw Capped Tubes



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
- Easily integrated, sample rack stage extension facilitates fully automated workflow integration

Driver and Cap Compatibility

- We provide a wide range of custom made and off the shelf driver cartridges to accommodate your specific labware needs
- The modular design of IntelliXcap™ allows you to quickly and easily change the cap driver cartridge and seamlessly swap between tube types, making the instrument the ideal capper/de-capper for your automated high throughput workflows
- Due to its flexibility, with one IntelliXcap instrument you can cap, de-cap and re-cap both internal and external thread tubes
- Please contact us to discuss your specific tube requirements

Weights and Dimensions				
	Weight (kg)	Height (mm)	Width (mm)	Depth (mm)
IntelliXcap 96	26.80	320	256	468
IntelliXcap 48	28.74	386.2	256	464.4
IntelliXcap 24	27.96	386.2	256	464.4
IntelliXcap 96 Acoustic	27	316	256	634

Ordering Information

46-8012	IntelliXcap Automated Screw Cap Decapper, 96-format , compatible with validated sample storage tubes and cartridges
46-8011	IntelliXcap Automated Screw Cap Decapper, 48-format , compatible with validated sample storage tubes and cartridges
46-8010	IntelliXcap Automated Screw Cap Decapper, 24-format , compatible with validated sample storage tubes and cartridges
46-8014	IntelliXcap Automated Screw Cap Decapper, Acoustic 96-format , compatible with validated sample storage tubes and cartridges including Echo Qualified Acoustic Tube
46-8112	IntelliXcap Extended Stage Kit