

IntelliXcap™

IntelliXcap is a 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
- ✔ The only 96-format full rack capper and de-capper 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

Compact, Modular Design Means Ultimate Flexibility

- ✔ IntelliXcap features the unique, fully automated, interchangeable IntelliXcartridge cap driver system
- ✔ IntelliXcartridge allows format change between different tube types in less than 2 minutes
- ✔ Simply by fitting the relevant IntelliXcartridge, IntelliXcap is compatible with all FluidX sample storage tubes, as well as sample storage tubes from Thermo Matrix, Thermo Nunc, LVL, Micronic
- ✔ IntelliXcartridge is 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
- ✔ 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/decapper 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

Ordering Information

46-8012	FluidX IntelliXcap 96 96-Format Screw Cap Tube Rack Decapper/Capper with automatic glide rail for integration, includes 1 cartridge of choice, please quote tube type when ordering. Suitable for all FluidX tubes and almost all other brands with IntelliXcartridges
46-8011	FluidX IntelliXcap 48 48-Format Screw Top Tube Rack Decapper/Capper with automatic glide rail for integration, includes 1 cartridge of choice, please quote tube type when ordering. Suitable for all FluidX tubes and almost all other brands with IntelliXcartridges
46-8010	FluidX IntelliXcap 24 24-Format Screw Top Tube Rack Decapper/Capper with automatic glide rail for integration, includes 1 cartridge of choice, please quote tube type when ordering. Suitable for all FluidX tubes and almost all other brands with IntelliXcartridges
46-8112	FluidX IntelliXcap Extended Stage for Automation. Suitable for IntelliXcap 24, IntelliXcap 48 and IntelliXcap 96

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