# 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
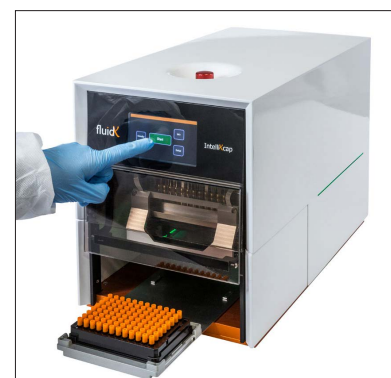
### Compact, Modular Design Means Ultimate Flexibility

- 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



## Weights and Dimensions

|  | Weight (kg) | Height (mm) | Width (mm) | Depth (mm) |
|---|---|---|---|---|
| **IntelliXcap 96** | 22 | 320 | 256 | 468 |
| **IntelliXcap 48** | 28 | 386.2 | 256 | 464.4 |
| **IntelliXcap 24** | 27 | 386.2 | 256 | 464.4 |

Automated Storage Systems | Cryopreservation & Cold Chain Solutions | Informatics & Technical Solutions | Sample Storage, Lab Services & Transport | **Sample Consumables & Instruments**

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# 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 |

## Ordering Information - IntelliXCap Cartridges: 96 format

| | |
|---|---|
| 48-8013-01 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for FluidX Internal Co-molded Thread |
| 48-8013-02 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for FluidX External Thread |
| 48-8013-03 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for FluidX Internal O-Ring Thread |
| 48-8013-04 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for FluidX Acoustic Tube Thread |
| 48-8013-05 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for Matrix 200ul Low Profile Internal Thread |
| 48-8013-06 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for Thermo-Nunc Cryobank Internal Thread |
| 48-8013-07 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for Micronic Internal Thread |
| 48-8013-09 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for LVL Technologies Internal Thread |
| 48-8013-11 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for Thermo/Matrix Internal Thread |
| 48-8013-12 | **FluidX IntelliXCartridge 96-format Cap Driver Cartridge**, with 96 individual cap drivers, 1 cartridge per case. Suitable for FluidX 0.2ml Tube External Thread |

## Ordering Information - IntelliXCap Cartridges: 48 format

| | |
|---|---|
| 48-8015-01 | **FluidX IntelliXCartridge 48-format Cap Driver Cartridge**, with 48 individual cap drivers, 1 cartridge per case. Suitable for FluidX 1.5ml, 1.9ml, 3.8ml. Next-Gen Jacket and 2.0ml Jacket Automation-friendly External Thread |
| 48-8015-03 | **FluidX IntelliXCartridge 48-format Cap Driver Cartridge**, with 48 individual cap drivers, 1 cartridge per case. Suitable for FluidX 1.8ml Non-Jacket and Greiner 2.0 ml External Thread |

## Ordering Information - IntelliXCap Cartridges: 24 format

| | |
|---|---|
| 48-8017-01 | **FluidX IntelliXCartridge 24-format Cap Driver Cartridge**, with 24 individual cap drivers, 1 cartridge per case. Suitable for FluidX 5ml Jacket and 7.6ml. Next-Gen Jacket Automation-friendly External Thread |
| 48-8017-03 | **FluidX IntelliXCartridge 24-format Cap Driver Cartridge**, with 24 individual cap drivers, 1 cartridge per case. Suitable for Micronic 6ml Internal Thread |