
AUTOMATIC FRACTION COLLECTOR V2



IZON

SCALE SIZE EXCLUSION CHROMATOGRAPHY WITH qEV AND AFC

The AFC automates extracellular vesicle (EV) isolation and enables precise and reproducible separation.

Previously, the process of EV isolation has been labour-intensive and difficult to scale.

Using the AFC, together with qEV size exclusion chromatography columns, EV isolation can be achieved easily and with minimal intervention.

A SCALABLE AND REPRODUCIBLE WAY FORWARD FOR BIOMARKER DEVELOPMENT

- ✔ Suitable for small-scale and high-throughput processing of EV-containing samples.
- ✔ Measures fluid volume precisely by weight.
- ✔ Place multiple AFCs side by side for parallel processing.



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- ✔ **Efficient and easy to use**
LED light prompts make it easy to keep track of progress, while the RFID tag reader registers which qEV column has been loaded and number of uses. Rotational carousel holds collection tubes and advances as weight is reached.
 - ✔ **Easier navigation**
Improved user interface with enhanced touch screen sensitivity creates a more user-friendly experience.
 - ✔ **Greater flexibility**
Easily customise purified collection volumes to suit your requirements. With Gen 2 columns, you can prioritise purity, concentration or recovery.
 - ✔ **Fits easily into any lab**
Cost-effective and compact.
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AFC V2 SPECIFICATIONS

Dimensions: w 25 x d 30 x h 40 cm

Weight: 1.2 kg

Touch screen size: 5 inch diagonal,
800 x 480 resolution

Average isolation time: 10-15 min
(dependent of qEV column)

Column data provided to user:
Column type, batch number, expiry date,
number of times used

ARE YOU READY
TO SCALE YOUR
EV ISOLATION?

TO DISCUSS IF THE AFC IS
RIGHT FOR YOUR RESEARCH
CONTACT US AT
WWW.IZON.COM

