
ARE YOU READY
TO SCALE YOUR
EV ISOLATION?



AUTOMATIC
FRACTION
COLLECTOR V2



TO DISCUSS IF THE AFC IS
RIGHT FOR YOUR RESEARCH

CONTACT US AT

WWW.IZON.COM

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, number of remaining uses



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.



✔ 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 remaining uses. Rotational carousel holds collection tubes and advances as target 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.