

qEV ZENCO



BETA VERSION

A SCALABLE & HANDS-OFF APPROACH TO
LARGE-VOLUME qEV ISOLATION



www.izon.com

qEV ZENCO

Free up your precious time in the lab with an automated chromatography system for large qEV columns. With real-time data and customisable workflows, you can programme your workflow and walk away.

SYSTEM SPECIFICATIONS

FLOWPATH

- ▶ 8 inlets
- ▶ 8 outlets
- ▶ In-line air sensor
- ▶ Column bypass and reverse flow

UV DETECTION

- ▶ Variable single wavelength (190-400 nm)

PRESSURE

- ▶ Maximum pressure: 10 bar

pH DETECTION

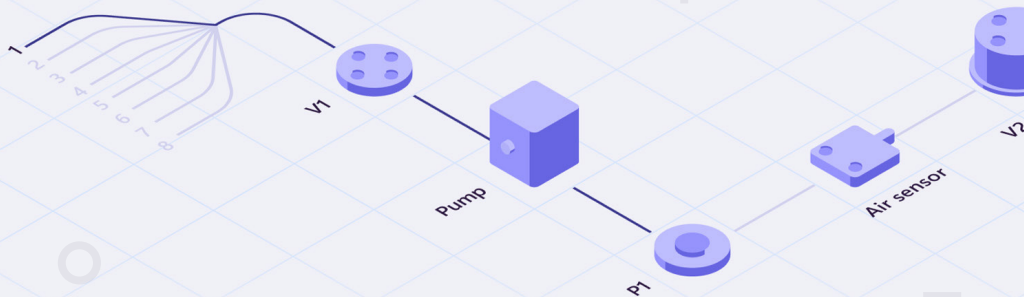
- ▶ Reading range: 3 - 14
- ▶ Accuracy: ± 0.1

PUMP

- ▶ Maximum flow rate: 100 mL / minute
- ▶ Accuracy: $\pm 1.5\%$
- ▶ Low dead volume minimises sample loss and dilution

POWER SUPPLY

- ▶ 110 V or 220 V



CONDUCTIVITY DETECTOR

- ▶ Reading range: 0-999 mS/cm
- ▶ Accuracy: $\pm 2\%$ (within 0-200 mS/cm)

SOFTWARE FEATURES AND DATA OUTPUTS

- ▶ Workflow diagram updates to reflect activated components
- ▶ CSV file includes: Sample ID, qEV column information, fraction identification, retention time, UV vs volume plot, number of theoretical plates, asymmetry, peak height for column efficiency analysis

PHYSICAL CHARACTERISTICS

- ▶ Weight: 30 kg
- ▶ Dimensions (WxHxD): 327 x 325 x 406 mm
- ▶ Powder coat finish, wipe clean drip tray, status indicator

COLUMN COMPATABILITY

- ▶ Compatible with the qEV2, qEV10, qEV100 and larger custom columns

The qEV Zenco is built under a quality management system certified to ISO 13485:2016 and is compliant with FDA 21 CFR Part 11.



GET IN TOUCH TO LEARN MORE VIA:

www.izon.com/contact

