

## Automated Oil Evaporator System



JM Science has introduced the Aquacounter AQL-22320 automated oil evaporator system, an automated Karl Fischer (KF) titrator system consisting of the AQ-2200 coulometric titrator and the EV-2000L oil evaporator units. The KF titration system has been designed for analyzing moisture in difficult samples.

Using an azeotropic distillation solvent like toluene or xylene, moisture can be evaporated at a lower temperature, saving on expensive KF reagents and lower maintenance costs since the titration cell remains clean and free of contaminants. The automated system allows the user to load the samples into the glass vials and then place the glass vials on the sample tray of the system. The user only needs to push the start button once to begin the analyses.

The sample changer holds up to 20 vials and can process large numbers of samples. It is equipped with the Automatic KF reagent exchanging function, reducing the cost of KF reagent and waste disposal. The system can heat samples up to 200 C and automate the addition of the azeotropic solvent easily. Wide temperature settings cover the full range of azeotropic points.

**JM Science Inc.**, [www.jmscience.com](http://www.jmscience.com) [1]

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