

# Titration

## Coulometric Karl Fischer Titration



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## Low-Level Water Determination

Detect mere micrograms of water, from 10µg to 20mg.

Denver Instrument offers a unique approach to Coulometric Karl Fischer Titration. Up to four titration modules (Model 275KF) may be daisy-chained to the model 260 Controller. This modular system provides the flexibility of adding additional capacity or applications at a fraction of the cost of traditional titration systems

- Perfect for determining water content in petroleum products, pesticides, detergents, foods, pharmaceuticals, chemicals, solvents and more.
- Easy method programming and simple operation.
- Up to ten customized procedures can be stored and easily recalled.
- Perform up to four titrations simultaneously, thanks to separate interconnectable 275KF titration modules.
- Time/date stamp on printouts to meet GLP requirements.
- Calculate statistical data for up to five results.
- Simple to interface with computer or printer. Automatically prints titration reports.
- The system automatically compensates for the drift rate of ambient moisture entering the cell.
- Automatically gives message when reagents have been depleted. Press a single key for reagent condition.



### Model 260 Titration Controller Specifications

Display	4.8"W x 3.6"H Backlit VGA resolution with full-screen display of titration progress.
Keypad Controls	Sealed; audible entry
Data Memory Points	620
Power-on Self-test	Yes
Error Messages	Yes
Data Output	Print key; at end of titration; custom time intervals
Alarm	High/low set points for all modes
I/O	RS-232C to computer or printer; serial network to titrator modules

### Model 275KF Titration Specifications

Range	10µg to 20mg H <sub>2</sub> O
Accuracy	±2µg or ±0.5%
Resolution	0.1µg
Rate	3500µg H <sub>2</sub> O/min. (maximum)
Endpoint Control	0 to 99 sec. persistence time and 0 to 9.9µg/sec. slope (programmable)
Capacity	1000mg H <sub>2</sub> O (for single charge reagents)

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