



# Eco KF Titrator

Volumetric water determination simple, safe, and reliable

## HIGHLIGHTS

- Swiss-made quality:  
3 year instrument warranty
- Easy to set up and use
- Safe handling of Karl Fischer reagents
- Example methods pre-installed
- Global on-site service and support

Metrohm  
means ...  
Spectroscopy!



# Why Karl Fischer titration is the method of choice

When it comes to methods for water content determination, Karl Fischer titration is the gold standard. Whether your matrix is foodstuffs, petrochemicals, paints, or others – volumetric Karl Fischer titration is described by many national and international norms and standards such as EN, ISO, ASTM, DIN, and others. There are three main reasons, why this is so:

- Karl Fischer titration is a direct method and specific to water
- It is highly sensitive (detection limits in the  $\mu\text{L}$ -range)
- It is fast (generally, less than 3 minutes per sample)



Custom Q3X Printer



Eco KF Titrator



Solvent Pump

## Generate GLP-compliant reports

Working in compliance with GLP requirements is easy with the Eco KF Titrator: Reports with complete information who performed which method and when can be easily generated in the PDF format. Reports can either be saved on a USB memory stick or printed out on a printer connected to the instrument.

## Safe handling of reagents

In order to stay safe from any physical contact with the reagents, you can connect the **Solvent Pump** to your Eco KF Titrator: All you have to do to empty and replenish the titration vessel is press a button.

## InstantUp

With this function, you can put your Eco KF Titrator into a sleep mode (system off) when you are not using it. It is immediately ready for use again without you having to restart it completely.

## Swiss quality for a highly competitive price

The **Eco KF Titrator** is the ideal instrument to perform routine determinations of the water content fast, safely and reliably. Especially, if you don't want to compromise on quality but insist on a highly competitive price, our Swiss made Eco KF Titrator is the solution of choice.

## DIY – setting up the Eco Titrator is easy

Simply follow the steps demonstrated in our installation video, and you can easily setup the device by yourself. No need to worry about that part.

## Karl Fischer titration is new to you?

### No problem at all

For a quick and easy start, you find example methods how to determine the water content and the blank value already pre-installed on the Eco KF Titrator. It is simple: Select your method, continue with the conditioning of the solvent, start the method and introduce the sample – that's it and takes just a few clicks on the Eco KF Titrator's touch sensitive user interface. The titration itself is performed fully automatically and the precise result for the water content is shown on the instrument's user interface.

## Global on-site service and support

Based on our global network of local Metrohm subsidiaries and distributors, we provide on-site service and support for your Eco KF Titrator, wherever you are.

## ORDERING INFORMATION

Instrument	
2.1027.0100	Eco KF Titrator complete (includes KFT Equipment, Solvent Pump and 10 mL Cylinder unit)
2.1027.0010	Eco KF Titrator (without KFT Equipment / Cylinder unit)
2.1029.0010	Solvent Pump
Accessories	
6.03002.150	Cylinder unit Eco 5 mL
6.03002.210	Cylinder unit Eco 10 mL
6.03002.220	Cylinder unit Eco 20 mL
6.03002.250	Cylinder unit Eco 50 mL
6.05610.060	KFT equipment for Eco KF Titrator with Polytron PT 1300 D
6.05610.050	KFT equipment for Eco KF Titrator
2.142.0100	Custom Q3X thermal printer
2.143.0200	TX-900MH impact printer



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