



# 831 KF Coulometer with generator electrode without diaphragm

2.831.0110

Inexpensive coulometer including titration cell with generator electrode without diaphragm for water content determination down to the trace range.

This coulometer has become indispensable in many laboratories, thanks to its reliability, its backlit graphical display, the multi-language dialog and the simplicity of its operation. The clear display provides information regarding the relevant titration parameters and unambiguous indication of the progress of the titration in the form of a curve showing  $\mu\text{g}$  water over time.

Recommended measuring range: 10  $\mu\text{g}$  - 200 mg absolute water

Below, the accessories are grouped into Scope of delivery and Optional accessories.

Please keep this printout at hand for ordering replacement material.

These lists may be subject to change.

## Scope of delivery 2.831.0110

| Qt. | Order no. | Description |
|-----|-----------|-------------|
|-----|-----------|-------------|



Indicator electrode used for coulometric Karl Fischer titration.



Generator electrode without diaphragm for coulometric Karl Fischer titrations, SGJ 29/22. This generator electrode is well suited for most applications where the sample is highly soluble in alcohol.



For KF coulometers.



1 PCS

6.1437.000

SGJ stopper SGJ 14



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1 PCS

6.1446.060

Stopper / B-14/15 / M10



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2 PCS

6.1448.020

Septum 16 mm, 5 pieces

Set of 5 pcs.



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1 PCS

6.1464.320

KF titration vessel / 80-250 mL / coulometric



1 PCS

6.1903.030

Stirring bar / 25 mm

Stirring bar with magnetic core, PTFE covering, length 25 mm.



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1 PCS

6.2001.050

Support stand without support rod

Used with 756, 831 KF Coulometer and 728 Magnetic Swing-out Stirrer



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1 PCS

6.2013.010

Clamping ring

For support rods with a diameter of 10 mm.



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1 PCS

6.2016.030

Support rod / 250 mm



1 PCS

6.2047.020

Titration vessel holder

Titration vessel holder for coulometric cells.Used with 756, 831 KF Coulometer



1 PCS

6.2104.020

Electrode cable / 1 m / F

For connecting electrodes with Metrohm plug-in head G to Metrohm instruments (socket F).



1 PCS

6.2104.120

Electrode cable / 1 m / H

With plug H. For connecting generator electrode - KF Coulometer.



1 PCS

6.2130.090

Keyboard for 831

Keyboard for 831 KF Coulometer



1 PCS

6.2701.040

GL 18 screw cap with hole

Made of PBT. With a hole for the 6.1448.020 septum. For the 6.5405.000 cell without diaphragm and the 6.1464.32X and 6.1465.320 titration vessels.



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3 PCS

6.2713.000

PTFE sleeve SGJ14

For fat-free ground-joint connection with the standard ground-joint SGJ 14.



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1 PCS

6.2713.010

PTFE sleeve SGJ29

Sleeve for fat-free ground-joint connection with the standard ground-joint SGJ 29.



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1 PCS

6.2713.020

PTFE sleeve SGJ19

For fat-free ground-joint connection with the standard ground-joint SGJ 19.



1 PCS

6.2730.030

Stopper

Complete with nipple and O-ring. For 6.1414.030 titration vessel lids. For KF instruments, VA measurement stands, VA Computrace and IC Dilution.



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1 PCS

6.2738.000

Funnel

For the KF coulometer.



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1 PCS

6.2811.000

Molecular sieve

Molecular sieve. Bottle containing 250 g. Pore size: 0.3 nm. Without moisture indicator. For Rancimats and Karl Fischer instruments.



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2 PCS

6.2816.030

Needle with Luer connector

Needle for filling in mercury into the Multi-Mode Electrode and for sample addition in Karl Fischer titration.



2 PCS

6.2816.090

Syringe 5 mL

5 mL syringe made of PP, with Luer connector.



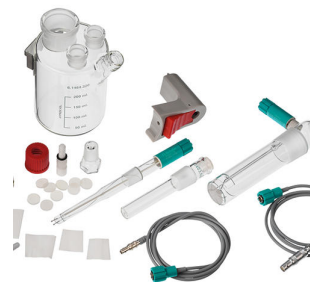
## Optional accessories

| Order no.  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 2.860.0010 | 860 KF Thermoprep                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                       |
|            | <p>The 860 KF Thermoprep is designed for thermal sample preparation in Karl Fischer titration.</p> <p>Numerous substances cannot be analysed by direct Karl Fischer titration as they are not soluble, react with the Karl Fischer reagent or release their water only very slowly or not until heated to high temperatures. Using tightly sealed sample vials, the sample is inserted in the oven. The samples can be subsequently analysed by any volumetric or coulometric KF titrator.</p> |    |
| 6.1464.323 | KF titration vessel / 80 - 250 mL / coulometric / amber glass                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                       |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |
| 6.1465.320 | KF titration vessel with 2 lateral openings / 80-250 mL / coulometric<br>For 756 and 831 KF Coulometer                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 6.5406.000 | Coulometric KF equipment, including generator electrode with diaphragm                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |
|            | Complete accessory set for KF coulometer.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |

6.5406.010

Coulometric KF equipment, including generator electrode without diaphragm

Complete accessory set for KF coulometer.



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6.1439.010

KF addition and aspiration tube

KF addition and aspiration tube for coulometer cell, incl. M8 screw connector 6.1811.010.

