

Safe and Easy Water Release Quick Transfer to KF Titrators



Easy and fast manual handling

Easy handling for left and right handed operators. Sample exchange and sample transport into the heated zone of the oven is provided for by the simple transport system with a magnetic guide rod attached to the glass sample boat.



Equilibrium conditions are quickly reached

The cold and the hot zone can be purged separately with dry carrier gas using a stop cock. Ambient moisture introduced during sample exchange or addition via the sleeve opening is quickly carried away. Therefore, a stable drift is reached within a short period of time.



Ready for use

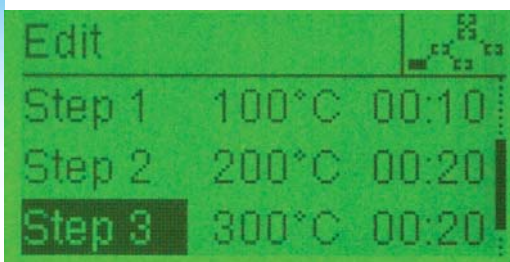
All necessary parts including the drying unit with gas flow measurement are part of the standard delivery. If purging with dry air is desired, an optional air pump is available.



D0308 drying oven

The METTLER TOLEDO D0308 drying oven is the ideal accessory for the METTLER TOLEDO volumetric or coulometric Karl Fischer titrators. It allows easy and accurate water determination of solid or viscous samples like:

- Substances that release water only at elevated temperatures such as plastics in powder or granular form
- Substances that cause side reactions with Karl Fischer reagent such as oxidizing inorganic salts
- Substances that cause problems in the titration vessel due to their consistency such as fibrous or pasty substances
- Substances that are poorly soluble or insoluble such as wool, dough, tar or coal



Enhanced operational safety

There is no need to remove the transfer tube from the titration cell after switching off the oven; just open the stop cock to avoid contamination of the oven due to underpressure. Different temperature ranges can be pre-programmed in one cycle. Safety is further improved by automatic shut down after the analysis is completed.

D0308 drying oven

Order information	Order no.
D0308	51371200
Including standard equipment:	
• Gas drying unit including flow meter	51108660
• Two glass sample boats (2x)	51108 657
• One sample boat guide rod	51 371101
• One set of 50 aluminium inserts for the sample boat	51108 649
• Tube set	51108 676
• Stop cock	51191130
• Transfer tube (insulated)	51108 837
Optional equipment:	
• Air pump with cable	51108670

Technical data	
Temperature range	40...300 °C
Temperature accuracy	±5 °C (@300 °C)
Footprint housing	256 x 180 mm
Dimensions overall	300 x 300 x 550 mm
Weight	9.1 kg
Voltage (auto selection)	100...230 VAC
Power consumption	450 W



Sample measurement with V30 Karl Fischer Titrator and D0308 drying oven