

TL 7500

Water Content Analyzer

ASTM D1364, ASTM D1533, ASTM D4377
ASTM E203, IP 356, IP 471, ISO 10336
ISO 6296, DIN 51777

The TL7500 KF trace is a compact, easy-to-use coulometric titrator for water content determination according to Karl Fischer (KF) titration method with a typical operating range of 1 ppm – 5% water.

General Features

- High visibility, full color display that can be easily viewed from a distance and at extreme angles.
- Includes up to three USB, one LAN and two RS232 ports for expansion and connection of devices
- Export the results as PDF or CSV, also to networks.
- Coulometric KF titration with automatic drift determination and correction
- With standard methods as water in%, water in ppm, water content with KF oven, etc.
- Compatible with ASTM D1533 and other global standards
- Statistical functions average value and relative standard deviation
- Configurable output: Short, standard with curve, GLP
- Output of results in ppm, %, mg, µg, mg / l. Unit individually adjustable
- Also suitable for the determination of bromine number
- Formula editor for individual calculations



Specifications

Measuring input indicator electrode	Connector for double platinum electrode with 2 × 4 mm sockets
Measuring input generator electrode	Sockets: 2 × 4 mm, coded in color
Interfaces	3 × USB (2 × USB-A and 1 × USB-B), 2 × RS-232-C and 1 × LAN
Display	3.5 inches – 1/4 VGA TFT graphic color display with 320 x 240 pixels
Housing material	Polypropylene
Magnetic stirrer	TM 235 with Power supply TZ 1855, for vessels up to 500 ml, agitator speed infinitely adjustable from 500 – 2000 r/min, for the connection to TitroLine® 7XXX and TITRONIC® 500
Ambient conditions	Ambient temperature: + 10 ... + 40 °C for operation and storage Humidity according to EN 61 010, Part 1: max. relative humidity 80 % for temperatures up to 31 °C, linear decrease down to 50 % relative humidity at a temperature of 40 °C
Dimensions	15,3 x 18 x 29,6 cm (W x H x D)
Weight	2,3 kg for basic device without magnetic stirrer TM 235 or TM 235 KF
Power supply	100-240 V; 50/60 Hz, power input: 30 VA