

xylem



# TitroLine<sup>®</sup> 7500 KF and 7500 KF *trace*

BROCHURE  
XA00004



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# TitroLine® 7500 KF and 7500 KF trace

## You can't go wrong with YSI's TitroLine® KF titrators

The TitroLine® 7500 KF is the volumetric generalist for a wide range of use, and the TitroLine® 7500 KF trace is the specialist for low-water contents. Both new titrators are characterized by the following:

### Features & Benefits

- ▶ Fast, easy and precise
- ▶ Includes standard methods for different applications (titer determination, blank value, etc.)
- ▶ Highly visible, full-color display, that can be easily viewed from a distance and extreme angles
- ▶ Storage of results via USB port (PDF- and CSV -format)
- ▶ With intelligent interchangeable modules (only TitroLine® 7500 KF)



TitroLine® 7500 KF

TitroLine® 7500 KF trace



## Ordering Information - TitroLine® 7500 KF

Type No.	Order No.	Description
TL 7500KF YSI 05	285230360	Volumetric KF-Titrator 05: basic titrator unit, exchange unit WA 05, TM 235 KF titration stand with integrated stirrer and pump, titration vessel TZ 1770, micro double platinum electrode KF 1100 and starter kit, power supply 100-240 V
TL 7500KF YSI 10	285230370	Volumetric KF-Titrator 10: basic titrator unit, exchange unit WA 10, TM 235 KF titration stand with integrated stirrer and pump, titration vessel TZ 1770, micro double platinum electrode KF 1100 and starter kit, power supply 100-240 V
TL 7500KF YSI 20	285230380	Volumetric KF-Titrator 20: basic titrator unit, exchange unit WA 20, TM 235 KF titration stand with integrated stirrer and pump, titration vessel TZ 1770, micro double platinum electrode KF 1100 and starter kit, power supply 100-240 V
TL 7500 KF 10-C	285230710	TL 7500KF YSI 10-C volumetric KF-Titrator, scope of supply: basic titrator unit, exchange unit WA 10, TM 235 KF titration stand with integrated stirrer and pump, titration vessel TZ 1770, micro double platinum electrode KF 1100 and starter kit, power supply 100-240 V. Certification included

Additional electrodes, exchangeable units and further accessories must be ordered separately

## Ordering Information - TitroLine® 7500 KF trace

Type No.	Order No.	Description
TL 7500KF TRACE YSI M1	285230410	TL 7500KF Trace YSI M1 Coulometric Autotitrator Module 1, coulometric KF-Titrator, scope of supply: basic titrator unit, generator electrode TZ 1752 without junction + connection cable, magnetic stirrer TM 235, stand rod, titration vessel TZ 1751, micro double platinum electrode KF 1150
TL 7500KF TRACE YSI M2	285230420	TL 7500KF Trace YSI M2 Coulometric Autotitrator Module 2, coulometric KF-Titrator, scope of supply: basic titrator unit, generator electrode TZ 1752 without junction + connection cable, TM 235 KF titration stand with integrated stirrer and pump, stand rod, titration vessel TZ 1754, micro double platinum electrode KF 1150
TL 7500KF TRACE YSI M3	285230430	TL 7500KF Trace YSI M3 Coulometric Autotitrator Module 3, coulometric KF-Titrator, scope of supply: basic titrator unit, generator electrode TZ 1753 with junction + connection cable, magnetic stirrer TM 235, stand rod, titration vessel TZ 1751, micro double platinum electrode KF 1150
TL 7500KF TRACE YSI M4	285230440	TL 7500KF Trace YSI M4 Coulometric Autotitrator Module 4, coulometric KF-Titrator, scope of supply: basic titrator unit, generator electrode TZ 1753 with junction + connection cable, TM 235 KF titration stand with integrated stirrer and pump, stand rod, titration vessel TZ 1754, micro double platinum
TL 7500KF TRACE YSI M5	285230450	TL 7500KF Trace YSI M5 Coulometric Autotitrator Module 5, coulometric KF-Titrator, scope of supply: basic titrator unit, generator electrode TZ 1752 without junction + connection cable, magnetic stirrer TM 235, stand rod, titration vessel TZ 1754, micro double platinum electrode KF 1150

Additional electrodes, exchangeable units and further accessories must be ordered separately

# Specifications - TitroLine® 7500 KF

	Features
Display	3.5 in -1/4 VGA TFT display with 320x240 pixels
Number of user methods	50
Burette resolution (steps)	20,000
Accuracy volumetric measurements	< 0.3% at ≥ 10mg H <sub>2</sub> O
Measurement input dead stop (2 x 4 mm socket)	Connector (µA) for double platinum electrodes Polarisation voltage adjustable from 40 to 220 mV
Display resolution/ Accuracy µA (without sensor)	0.1 / 0.2 ± 1 digit
Interfaces	1 x LAN, 2 x USB-A, 1 x USB-B, 2 x RS232
Balance connection	RS232
Printer (USB-A)	HP PCL, Seiko DPU S445, PDF
Housing material	Polypropylene
Front keyboard	Polyester coated
Housing dimensions	15.3 x 45 x 29.6 cm ( W x H x D) height with interchangeable unit
Ambient conditions	Ambient temperature: + 10 to + 40 °C for operation and storage
Weight	2.3 kg for basic unit 3.5 kg for complete device incl. interchangeable unit (with empty reagent bottle, without magnetic stirrer or TM 235 KF)
Intelligent interchangeable modules (5, 10, 20, and 50 ml) material	Valve: PTFE/ETFE Cylinder: borosilicate glass 3.3 (DURAN®); Hoses: FEP, blue
Dosing accuracy according ISO 8655, part 3	Accuracy : 0.15 % Precision: 0.05 - 0.07 % (Depending on the used interchangeable unit)

# Specifications - TitroLine® 7500 KF trace

	Features
Display	3.5 in -1/4 VGA TFT display with 320 x 240 pixels
Number of user methods	50
Measurement range	1 ppm - 5 % (10 µg - 100 mg)
Accuracy coulometric measurements	< 0.3% at ≥ 1mg H <sub>2</sub> O
Measurement input dead stop (2 x 4 mm socket)	Connector (µA) for double platinum electrodes
Interfaces	1 x LAN, 2 x USB-A, 1 x USB-B, 2 x RS232
Balance connection	RS232
Printer (USB-A)	HP PCL, Seiko DPU S445, PDF
Housing material	Polypropylene
Front keyboard	Polyester coated
Housing dimensions	15.3 x 45 x 29.6 cm ( W x H x D)
Ambient conditions	Ambient temperature: + 10 to + 40 °C for operation and storage
Weight	2.3 kg for basic unit without magnetic stirrer TM 235 or TM 235 KF



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