## **Order information**

Type no.	Order no	Description
TL 7750	285220240	Basic unit without magnetic stirrer, with stand rod and titration clamp Z 305, power supply 100-240 V
TL 7750-M1	285220250	TitroLine® 7750 basic unit with magnetic stirrer TM 235, with stand rod and titration clamp Z 305, power supply 100-240 V

Electrodes, exchangeable units and further accessories have to be ordered separately

#### **Required accessories for the volumetric KF titration**

Type no.	Order no	Description
TM 235 KF, 115-230 V	285220900	Titration stand with pump. Scope of delivery: Basic unit with 1   DURAN® reagent bottle TZ 1791, 1   DURAN® waste bottle TZ 1792, moisture bottle, tubes and screw threads, power supply TZ 1855 (110 240 V)
TZ 1770	285216677	Karl-Fischer-titration vessel. DURAN® glass vessel TZ 1775 (approx. 30150 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel
KF 1100	285102030	Mikro-double platinum electrode for Karl Fischer titrations, with fixed cable, double platinum pin and tapper NS 7.5 for TZ 1770 and TZ 1772
TZ 1748	285216560	Stand rod stainless steel Ø 10 mm
TZ 1789	285221120	Starter kit KF consisting of molecular sieve, needles with syringes and glass wool

#### **Recommended exchangeable units for the KF titration**

Type no.	Order no	Description
WA 05	285220300	5 ml exchangeable unit with integrated chip for reagent data, with brown glass bottle for titrant, GL 45 and S 40-bottle adapter, tubes, drip tube and titration tip
WA 10	285220310	10 ml exchangeable unit with integrated chip for reagent data, with brown glass bottle for titrant, GL 45 and S 40-bottle adapter, tubes, drip tube and titration tip
WA 20	285220320	20 ml exchangeable unit with integrated chip for reagent data, with brown glass bottle for titrant, GL 45 and S 40-bottle adapter, tubes, drip tube and titration tip

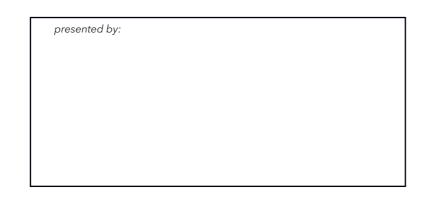
## **SI Analytics**

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# The first address for Titration TitroLine® 7750



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## The new Titrator from SI Analytics - more options

The Titroline<sup>®</sup> 7750 is the all-rounder for both potentiometric titration and volumetric KF titration. The TitroLine<sup>®</sup> 7750 combines the features of the potentiometric titrator TitroLine<sup>®</sup> 7000 and the volumetric Karl Fischer titrator TitroLine<sup>®</sup> 7500.

The new TitroLine® 7750 is characterized as follows:



TitroLine<sup>®</sup> 7750 mit Zubehör für die potentiometrische Titration

- Highly visible full color display, that can be easily viewed from a distance and extreme angles
- With new interchangeable modules which all relevant reagent and unit data can be stored
- Thanks to the 2 x USB-host, 1 x USB-PC and 2 x RS232 ports very expandable. Connectable are e.g. USB keyboard, USB printer, barcode reader, USB flash drives, balances, PC und further SI Analytics devices such as piston burettes and sample changers



### **Technical data** Features Display Color graph pH/mV-inp Measuring input pH/mV with reference electrode input Measurement range pH / mV Display resolution pH / mV Accuracy pH / mV (without sensor) Measurement input Dead stop С (2 x 4 mm socket) Polarisa Measurement range µA Display resolution µÅ Accuracy µA (without sensor) Measurement input temperature (2 x 4 mm С socket) Measurement range temperature °C Display resolution ° Accuracy °C (without sensor) Interfaces **Balance** connection Printer (USB-A) Intelligent interchangeable modules (5, 10, 20 and 50 ml) Burette resolution (steps) Dosing accuracy according DIN EN ISO 8655, part 3 (D Manual titration Housing material Front keyboard Housing dimensions Weight 3.5 k (with Ambient conditions Ambient to Solution preparation (manual or automatic when connected to balance) Titration to mV and pH end points Dynamic and linear titration to inflection points (EQ) mV and pH Particularly suitable for non aqueous titrations Dead-stop-titration pH-stat-titration Water determination according to KF volumetry (10 ppm - 100 %, recommended) Standard methods Number of user methods Connection and control of autosamplers Can be controlled with TitriSoft 3.0

## www.si-analytics.com

TitroLine<sup>®</sup> 7750

litroLine <sup>®</sup> 7750
nics 3.5 inches -1/4 VGA TFT display with 320x240 pixels
out with 24 bit transducer Electrode socket according to IN 19 262 or additional with BNC socket insert RFID receiver for SI Analytics ID electrodes
- 3.0 18.00 / - 2000 2000 0.001 / 0.1 0.002 / 0.1 mV ± 1 Digit
Connector (μA) for double platinum electrodes ation voltage variably adjustable from 40 220 mV 0 100 0.1 0.2 ± 1 digit
Connector for Pt 1000 resistance thermometer - 75 175 0.1 0.2 K ± 1 digit
2 x USB-A, 1 x USB-B 2 x RS232
RS232 HP PCL, Seiko DPU S445, PDF
Valve: PTFE/ETFE Cylinder: borosilicate glass 3.3 (DURAN®) Hoses FEP, blue
10000
Accuracy : 0.15 % Precision: 0.05 - 0.07 % Depending on the used interchangeable unit)
-
Polypropylene
Polyester coated
15.3 x 45 x 29.6 cm (W x H x D), height with interchangeable unit
2.3 kg for basic unit kg for complete device incl. interchangeable unit h empty reagent bottle, without magnetic stirrer)
emperature: + 10 + 40 °C for operation and storage
2 EP
2 EQ
-
50

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