



## Karl Fischer Titrator (10 ml exchangeable head)

**Model: TL 7500 KF-10**

**Brand: SI Analytics**

**Country of Origin: Germany**

### Description:

Automatic Titrator for the volumetric KF titration

The TitroLine® 7500 KF is the universalist for the volumetric Karl Fischer titration with a wide operating range of a few ppm - 100% water content. The addition of the solvent and the extraction of the titrated sample are carried out by the titration stand TM 235 KF at the push of a button

General features

- High visibility, full color display that can be easily viewed from a distance and at extreme angles.
- Reagent data is securely stored in the intelligent and interchangeable modules
- 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.

Specific features for the TitroLine® 7500 KF

- Polarizable electrode input for set endpoint titrations („Dead-stop“ + KF)
- With standard methods for various applications such as titer determination, sample titration with 1- or 2-component reagent, etc.
- Volumetric KF titrations
- Also suitable for dosing tasks and sample preparation
- Formula editor for individual calculations
- User management/password

Scope of delivery:

[manager@psc.com.bd](mailto:manager@psc.com.bd)

[www.psc.com.bd](http://www.psc.com.bd)

### Office address:

31, Manun Plaza (Ground, 1st & 2nd Floor)  
Shahid Nazrul Islam Sharak, Tikatuli, Dhaka-1203

Basic unit with 10 ml exchangeable head, TM 235 KF titration stand with integrated stirrer and pump, titration vessel TZ 1770, micro double platinum electrode KF 1100, starter kit, power supply 100-240 V

**Specification:**

Measuring input $\mu\text{A}/\text{KF}$ :	$\mu\text{A}$ -connector for double platinum electrodes, connection: 2 x 4 mm - sockets), polarisation voltage variably adjustable
Interfaces:	3 x USB (2 x USB-A and 1 x USB-B), 2 x RS-232-C and 1 x LAN
Interchangeable burettes	5, 10, 20 ml or 50 ml intelligent interchangeable burette units
Resolution (Steps):	20.000 steps
Dosing accuracy:	according to DIN ISO 8655, part 3:
	accuracy: < 0.15 %
	precision: < 0.05 - 0.07 % (in dependence of the used burette size)
Display	3.5 inches - 1/4 VGA TFT graphic color display with 320 x 240 pixels
Housing material	Polypropylene
Dimensions	15.3 x 45 x 29.6 cm (W x H x D), height with interchangeable head
Front keyboard	Polyester coated
Material interchangeable burettes	Valve: PTFE/ETFE;
	Cylinder: borosilikate glass 3.3 (DURAN®)
	hoses (FEP, blue)
Weight	2.3 kg for basic device, 3.5 kg für complete device with interchangeable head (with empty reagent bottle)
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
Power supply:	100-240 V; 50/60 Hz, power input: 30 VA
CE-sign:	EMC compatibility according to the Council Directive: 2004/108/EG; applied harmonized standards: EN 61326-1:2006
	Low-voltage directive according to the Council Directive 2006/95/EG Testing basis EN 61 010, Part 1
<b>Titration stand TM 235 KF</b>	
Pump	Free volume flow- air-: flow rate 2.25 l / min
	Delivery pressure max. 1.5 bar.

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	Flow rate liquid medium ca. 0.8 l / min
Stirring speed	50 ... 1000 U/min
Hoses	PVC- hose (outer diameter 6 x 1 mm)
	PTFE- hose (outer diameter 4 x 0.5 mm)
Dimensions	80 x 130 x 250 mm, (W x H x D (height without stand rod))
Weight	1 Kg
Order No:	285220820

**Warranty:** 01 (One) year warranty from the date of installation.  
Installation & training: Free installation, operation & maintenance training will be provided at your laboratory site.

**Paradise Sales Terms & Condition:**

- **Delivery:** From ready stock / within 07 (seven) days. Without ready stock 6-8 weeks, after work order.
- **Payment:** By cash/Cheque

**Contacts:**

Sales : +88 01733-229381-01733-229386, 01733-229388  
01713-034889

Service : +88 01733-229382, 01733-229391, 01733-229392  
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