

# KjelROC Auto Distillation Unit with external Titrator

At OPSIS LiquidLINE, we always try to find solutions to customer challenges. Many of our customers perform analyses using a separate titration and would like to use it also for their Kjeldahl analysis. To make this an easy choice, we provide a tested solution where our KjelROC Auto Distillation Unit can be connected directly to an external Titrator.

## THE KJELROC AUTO DISTILLATION UNIT

- Expandable System, Lowers costs when Lab requirements increase
- Automation and Traceability increases efficiency and Reduces costs
- Chemical Resistance with the OPSIS LiquidLINE BlackLINE coating

## WITH EXTERNAL TITRATION

- Allows both pH and Colorimetric Titration (depending on your titrator)
- Automatic Start and stop of your titrator. Tested with most popular Titrator brands
- All integrated inside the instrument: Stirrer, Titrant tube and pH electrode
- Use the OPSIS LiquidLINE LabConnect software to handle your weights and results



\* OPSIS LiquidLINE BlackLINE coating is taken from latest development in Swedish corrosion technology. Similar coating is used in trucks and cars from Volvo and Scania.

## TITRATORS OF YOUR CHOICE

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The OPSIS LiquidLINE Auto Distillation Unit has been tested with several titrators from Mettler Toledo, Metrohm and SI Analytics. The following models are recommended together with the OPSIS LiquidLINE Auto Distillation Unit

- Metrohm  
Metrohm Titrino 848, 852 and 877. Use propeller stirrer 802 for mounting inside the instrument.
- SI Analytics (A Xylem Company)  
TitroLine 5000 and 7000. An adapter box for TTL signals is necessary.
- Mettler Toledo  
Excellence Titrator G20



The Excellence Titrator G20 from Mettler Toledo will work well together with the features in the KjelROC Distillation Unit, providing an integrated distillation and titrator in one system.



With the Metrohm titrator 848 and a propeller stirrer it is possible to have titration integrated inside the KjelROC Auto Distillation Unit.



The TitrinoLine 5000 and 7000, from SI Analytics, will work together with the KjelROC Auto Distillation Unit.

Connect the KjelROC using the TTL output and the Titration Kit from OPSIS LiquidLINE. Connect the KjelROC distillation output. Run a normal distillation and, when this is completed, your external Titrator will start automatically.

\* Please note that any questions regarding Mettler Toledo, Metrohm, SI Analytics or their products should be forwarded directly to respective manufacturer. OPSIS LiquidLINE does not take any responsibility for other products than those manufactured by OPSIS LiquidLINE.