

UDK142 Automatic Distillation Unit

Connectable to external titrator

- Fully Automatic Distillation Unit
- High reliability, safety and reduced analysis time



UDK 142 Distillation Unit is a VELP automatic distillation unit ready to be combined with an external titrator.

UDK 142 is entirely automated in its various operational phases, with high reliability and safety characteristics.

This unit can be connected to different automatic titrator models.
It can be supplied by Velp Scientifica combined with the **Titrator TitroLine easy K**, with a configuration which assures simplicity of use and a very easy connection.

In conformity with GLP (Good Laboratory Practices), the instrument can be connected to a printer and PC in order to print or store the data concerning the tests in progress.

Features and Benefits

A fully automatic solution with high features in terms of reliability and safety.

All the parameters connected to distillation and following titration phase are programmable. Accessing the **20 customizable methods** available in **5 different languages** is simple and intuitive.

The **patented steam generator** using deionized water allows fast or slow distillations to be carried out, depending on the product to be analyzed.

The instrument is equipped with **advanced safety devices**, above which a system that recognizes when the sliding protection is not closed, when there is not enough cooling water, when reagents reserve happens and when the test tube is present without which the instrument does not start operation.

As it can easily be connected to **different automatic titrator models**, the instrument makes it possible to get the final result directly. The combination with the "TitroLine Easy K" titrator, supplied by VELP Scientifica, represents an integrated and compact solution able to optimize analysis times in a very easy way.

The instrument comes complete with test tube Ø 42x300mm, collecting flask 250 ml, pincer for test tube, inlet tube and keyboard.

Technical Data	Description
Construction material:	epoxy painted stainless steel structure
Number of programs:	20
Reproducibility (RSD):	≤ 1%
Recovery:	≥ 99,5% at nitrogen levels between 1 – 200 mg N
Detection Limit:	≥ 0,1 mg nitrogen
Sodium Hydroxide addition:	automatic
Dilution water addition:	automatic
Boric acid addition:	automatic
Power:	2100 W
Power supply:	230 V / 50-60 Hz
Weight	35 Kg (77 lb)
Dimension (W x H x D)	330 x 775 x 470 mm (13 x 30.5 x 18.5 in)
Ordering Information	Description
Code No	
F30200191	UDK142 Distillation Unit
A00000144	Test tube Ø 42x300mm, 250 ml, 3 pcs/box
A00000146	Test tube Ø 26x300mm, 100 ml, 6 pcs/box
A00001088	Test tube Ø 48x260mm, 300 ml
A00001083	Test tube Ø 80x300mm for alcohol determination
A00000043	Test tube connection Ø 26 mm, Ø 48 mm and 500 ml Kjeldahl balloon
A00000062	Spacer for test tube Ø 48x260 mm
R30800194	Titrator TitroLine Easy K

Your authorized agent:

We reserve the right to make technical alternations
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