



## KJELFAST-K300 Auto Kjeldahl Distiller – COLO LabExperts

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Catalogue



**4.3-inch color screen**



**Manual/automatic mode  
changeover free**



**Automatic Alkali pipeline washing  
function**

KJELFAST-K300 Auto Kjeldahl Distiller is designed to determine the nitrogen content of samples based on the Kjeldahl nitrogen determination method. Fully intelligent software is able to complete sample distillation within minutes, boasts automatic reagent quantification and filling, automatic test. The distillation and condensation automatic cleaning system further enhances measurement precision; explicit interface is easy for operation. It is widely used in food processing, feed production, tobacco, livestock, soil fertility, environmental monitoring, medicine, agriculture, scientific research, teaching, quality control and other fields for the test of nitrogen or protein content, can also be used for the test of ammonium.

Display: 4.3-inch color screen.

Automatic Alkali pipeline washing function.

Automatic or manual filling mode is optional according to test need.

Distillation time can be edited freely, and automatic alarming upon completion.

Automatic cleaning of control system and distiller, ensuring high measurement accuracy.

Intelligent design of nitrogen tube peripheral facilities including safety designs and displacement hints.

Intelligent cooling water control system achieves cooling water control and test.

Emergency stop operation is able to deal with unexpected accidents.

Automatic fault detection and intelligent audible and visual alarm system are available.

Calibration Function: Dilution water calibration, Alkali solution calibration, Boric acid solution calibration, washing flow calibration.

Safety door, digestion tube and cooling water conditions are displayed in real time when running.

Testing model is built-in, for detecting most functions condition.

Automatic accurate distribute alkali and boric acid solution.

Perfect safety protection system gives distiller and tubes measurement and protection against over temperature and over pressure.

Type	KJELFAST-K300
Measuring range	0.1mg ~240mg N
Recovery	≥99.5%
Sample capacity	Solid ≤ 6g/sample, liquid≤16mL/sample
Distillation speed	3-6min/sample
Cooling water consumption	1.5L/min
Operating mode	Manual/automatic mode
Display modes	4.3" LCD screen
Power supply	220VAC±10%, 50Hz
Power	1.3kW
Net weight	30kg
Dimension	400x385x735mm

Please note

If this Distiller does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

## COLO LabExperts

Laboratory Equipment production and Distribution

[www.colo.si](http://www.colo.si)

Presernov Trg 9

8000 Novo Mesto

Slovenia

tel. +386 590 48 880 E-mail: [office@colo.si](mailto:office@colo.si)

[www.colo.si](http://www.colo.si)

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