



EQUIPMENT FOR ANALYSIS

SDU400, IDU6, SWP, TITRATOR





STEAM DISTILLATION UNIT

SDU400

Fully programmable apparatus with the ability to dispense all the necessary reagents: alkali, water, boric acid, without operator intervention, and removal of residues at the end of the analysis. It eliminates the human factor during the steam distillation.

Distillation apparatus is equipped with a **precision pump with calibration function** that allows adding the amount of alkali programmed by the operator and regulating the flow of water depending on the operation of the distillation system. Remote diagnostics allows making control device online.

Supplied with following accessories:

1 flask 42*300 mm, receiving flask 300 ml, kit of hoses, power cord, operation instruction



Specific Features:

- Automatic sodium hydroxide dispensing
- Automatic water dispensing
- Automatic boric acid dispensing
- Automatic residues removal
- 1 universal program
- Automatic and manual mode
- Volume batching in ml
- Pump calibration
- Open door sensor
- Steam generator with water control level sensor
- Power control from 0 to 100%
- 7 inch color LCD display
- Extension: 1024*600
- WiFi, Bluetooth
- Saving information
- Remote diagnostics
- Distillation time: 5 min/min.100 ml
- Electric power: 2100 W
- Frequency: 50/60 Hz
- Easy and rapid change of tubes
- High-quality stainless steel AISI 304
- Corrosion resistance and operating life
- Delayed start time

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Specific Features:

- Number of samples: 6
- Temperature range: 450 °C
- Microprocessor built in the case
- Memory: 32 Gb
- 5" LCD color touch screen
- WiFi
- Bluetooth
- Saving information
- Remote diagnostics
- Number of Programs: unlimited
- Number of steps in the Program: unlimited
- Time range: 0 ... 999 min with a 1 min increments
- Regulation of temperature until 450 C
- Quantity of steps - unlimited
- Time selection, 1 min
- Rated voltage: 230 V / 50 Hz
- Power: 1600 W
- High-quality stainless steel AISI 304
- Corrosion resistance and operating life
- Easy and rapid change of tubes
- Dimensions (W x D x H) 560 x 430 x 700 mm
- Weight: 24,6 kg

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INFRARED DIGESTION UNIT

IDU6

Infrared digestion unit IDU 6 is suitable for a variety of applications where carrying out the process of digestion is required, including the extraction of nitrogen by the Kjeldahl method.

Supplied with following accessories:

6 flasks 42*300 mm, hose for vapor discharge, holder

Specific Features:

- Number of samples: 12
- Temperature range: 450 °C
- Microprocessor built in the case
- Memory: 32 Gb
- 5" LCD color touch screen
- WiFi
- Bluetooth
- Saving information
- Remote diagnostics
- Number of Programs: unlimited
- Number of steps in the Program: unlimited
- Time range: 0 ... 999 min with a 1 min increments
- Regulation of temperature until 450 C
- Quantity of steps - unlimited
- Time selection, 1 min
- Rated voltage: 230 V / 50 Hz
- Power: 1600 W
- High-quality stainless steel AISI 304
- Corrosion resistance and operating life
- Easy and rapid change of tubes
- Dimensions (W x D x H) 560 x 430 x 700 mm
- Weight: 24,6 kg

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INFRARED DIGESTION UNIT **IDU12**

Infrared digestion unit IDU12 is suitable for a variety of applications where carrying out the process of digestion is required, including the extraction of nitrogen by the Kjeldahl method.

Supplied with following accessories:

12 flasks 42*300 mm, hose for vapor discharge, holder



SCRUBBER FOR VAPOURS NEUTRALIZATION SWP

Scrubber SWP is a unit for purification fumes from dust, acidic and alkaline impurities by absorption and neutralization.

Specific Features:

- Filtration and neutralization of fumes
- no water consumption
- Connection to digestion unit
- Neutralization containers
- Double filtration
- Suction capacity – 26 L Suction capacity/min
- Without connection to tap water
- Material - acid-resistant epoxy powder coated Stainless Steel
- Power – 100 W
- Dimensions, mm – 390*340*400
- Weight – 16,400 kg



AUTOMATICALLY TITRATOR

TITROLINE® 5000 MODULE 2

The TitroLine® 5000, successor of the TitroLine® easy, is a very easy to use automatic titrator for a variety of applications, including water/wastewater applications, environmental and food analysis.

- High resolution pH/mV measurement input for pH, ORP, silver and further mV electrodes
- PT1000 and NTC 30 temperature measurement input for automatic temperature compensation
- Pre-installed standard methods for FOS/TAC, alkalinity, total acidity in drinks, chloride, etc
- Linear and dynamic titration to equivalence point
- Titration to pH and mV endpoints

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laboratory equipment