

Technical Specifications

KJELDAHL is a proven and effective method used in food production, animal feed production and environmental analyses. Food and Feed Protein appointment

Feed or feed materials protein appointment (sunflower, corn, wheat, oat...) Food and beverage protein appointment,

- Milk
- Meat
- Flour
- Pasta
- Beer Snacks
- Sausage

Global competency centers in all around the world is a part of after-sales support unit. If you need help for nitrogen and protein appointment, ERKAYA LABORATORY DEVICES with experience in such devices will gladly help you. If you need any of the applications mentioned above, you can contact us.

Distillation Control Unit

- Kjeldahl nitrogen protein appointment device is programmable micro-processor controlled.
- The display of the device is graphical LCD and Menu control is made by Rotary Encoder.
- Kjeldahl nitrogen protein appointment device warns the user by providing warning message.
- Kjeldahl nitrogen protein appointment device buret chamber is suitable to work with 100 ml,
- 300 ml and 800 ml burets. Device informs the user whether there is water in the steam
- generator.
- Distillation time can be adjusted between 0-99 minutes.
- NaOh amount to be added is adjustable.
- Steam generator is at 1100 Watt power and WATER TEMPERATURE is between Min. 0°C and
- Max. 120°C.
- Front panel label of the device is made of heat and humidity resistant materials.
- •

FULL OTOMATIK DISTILLATION UNIT:

Pure Water automatic adding NAOH automatic addition H3BO3 auto insert Pure Water Tank NAOH Tank H3BO3 Tank Touch screen

Supply voltage is in 100-240Vac Range operates with 50Hz. Protected by a fuse against any kind of fault status. o. 115/





DIGESTION UNIT

• The outer shell of the device is made of stainless steel and is heat insulated.

• The Kjeldahl nitrogen protein determination device can be run at the same time with 8 different samples.

• The device has electronic thermostat. Working temperature can be adjusted up to 450°C.

• There are integral gas discharge systems on the combustion tubes.

• The work area temperature can be monitored via the digital display and the program recording feature is available.

• The Kjeldahl nitrogen protein determination device is working with 100.300 and 800 ml incinerators at a diameter of 50

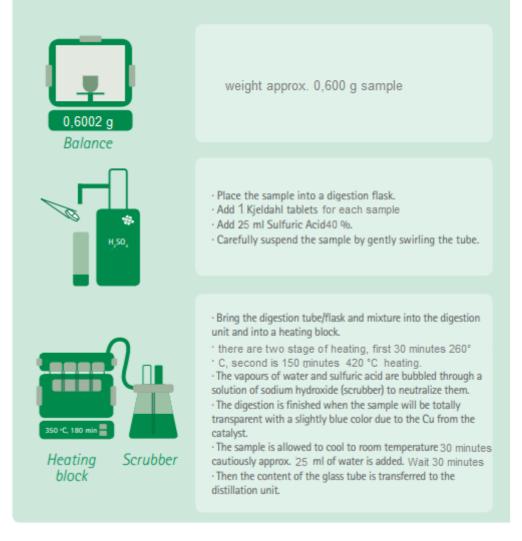
mm.

• The operating voltage of the device is 220 Volts and the speed is 50 Hz.





1. DIGESTION



• Before distillation stage indicator should be prepared.

(0,0100 g methylene blue + 0,0400 g methylene red + 100 ml ethyl alcohol)



