



## STEAM DISTILLATION UNITS

*For many applications!*

**BEGER distillation units SDU series for steam distillation is suitable for many applications such as determining ammoniacal nitrogen, protein nitrogen (using the Kjeldahl method), nitric nitrogen (after reduction), phenols, volatile fatty acids, and also the alcohol content.**



**Steam distillation apparatus SDU is a reliable assistant in your laboratory. The device is a good investment thanks to the Four Save technology: energy, time, space and money saving.**

**Ease of the steam distillation unit is confirmed by its functionality. All the necessary functions are available by a single keystroke on an adapted screen. The working process may be observed through the transparent door and all the working information are displayed at a 6 inch LCD. The functionality of the steam distillation unit SDU can satisfy both the experienced and the most demanding users, and those who just acquainted with this type of equipment.**

**All models guarantee the security, performance, comfort and reliability. The steam distillation unit SDU can work independently and with infrared digestion unit IDU.**

- ✓ Attractive and practical design
- ✓ The simple and intuitive operation via large touch screen.
- ✓ A precision pump with calibration function
- ✓ Audio and visual alerts
- ✓ Choice of the user's language

## **Areas of application BEGER products**

<b><u>Products</u></b>	<b><u>SDU 100</u></b> <b><u>SDU 200</u></b> <b><u>SDU 300</u></b> <b><u>SDU 400</u></b>
<b><u>Application</u></b>	
<b><u>Meat &amp; Poultry processing</u></b>	✓
<b><u>Dairy processing</u></b>	✓
<b><u>Grain processing</u></b>	✓
<b><u>Fodder production</u></b>	✓
<b><u>Beverage production</u></b>	✓
<b><u>Environmental analysis</u></b>	✓
<b><u>Research laboratories</u></b>	✓
<b><u>Quality control</u></b>	✓

## **Manual steam distillation unit SDU 100**

- ✓ **Automatic sodium hydroxide dispensing**
- ✓ **Volume batching in ml**
- ✓ **Power control**
- ✓ **6 inch touchscreen LCD**
- ✓ **Easy and rapid change of tubes**
- ✓ **High-quality stainless steel**
- ✓ **Attractive and practical design**
- ✓ **Corrosion resistance and operating life**
- ✓ **Delayed start timer**

## **Semi-automatic steam distillation unit SDU 200**

- ✓ **Automatic sodium hydroxide dispensing**
- ✓ **Automatic water dispensing**
- ✓ **Volume batching in ml**
- ✓ **Power control from 40 to 100%**
- ✓ **6 inch touchscreen LCD**
- ✓ **Easy and rapid change of tubes**
- ✓ **High-quality stainless steel AISI 304**
- ✓ **Attractive and practical design**
- ✓ **Corrosion resistance and operating life**
- ✓ **Delayed start timer**

# **Automatic steam distillation unit**

## **SDU 300**

- ✓ **Automatic sodium hydroxide dispensing**
- ✓ **Automatic water dispensing**
- ✓ **Automatic boric acid dispensing**
- ✓ **Volume batching in ml**
- ✓ **Power control from 40 to 100%**
- ✓ **6 inch touchscreen LCD**
- ✓ **Easy and rapid change of tubes**
- ✓ **High-quality stainless steel AISI 304**
- ✓ **Attractive and practical design**
- ✓ **Corrosion resistance and operating life**

# **Fully automatic steam distillation unit**

## **SDU 400**

- ✓ **Automatic sodium hydroxide dispensing**
- ✓ **Automatic water dispensing**
- ✓ **Automatic boric acid dispensing**
- ✓ **Automatic residues removal**
- ✓ **Volume batching in ml**
- ✓ **Power control from 40 to 100%**
- ✓ **6 inch touchscreen LCD**
- ✓ **Easy and rapid change of tubes**
- ✓ **High-quality stainless steel AISI 304**
- ✓ **Attractive and practical design**
- ✓ **Corrosion resistance and operating life**
- ✓ **Delayed start timer**

## Specifications:

- ✓ **Display - 6.0 inch touchscreen**
- ✓ **Material - Stainless Steel AISI 304**
- ✓ **Power – 2100 W**
- ✓ **Weight – 30 kg**
- ✓ **Dimensions (W x H x D) - 409 x 700 x 339 mm**
- ✓ **Time of analysis - Up to 5 min**
- ✓ **Volume of sodium hydroxide - 0 – 150 ml**
- ✓ **Steam generation adjustment - 40 – 100 %**
- ✓ **Cooling water consumption - Approx. 1 l/min**
- ✓ **Rated voltage - 230 V, 50/60 Hz**

## Features of Distillation units:

	<b>SDU 100</b>	<b>SDU 200</b>	<b>SDU 300</b>	<b>SDU 400</b>
<b>Automatic sodium hydroxide dispensing</b>	+	+	+	+
<b>Automatic water dispensing</b>	-	+	+	+
<b>Automatic boric acid dispensing</b>	-	-	+	+
<b>Automatic residues removal</b>	-	-	-	+
<b>Power control</b>	+	+	+	+
<b>Catalogue number</b>	114 101 0000	114 201 0000	114 301 0000	114 401 0000



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