

## DigiPREP 500 Steam Distillation Unit for Kjeldahl Nitrogen

Full-feature unit. Addition of  $H_2O$ ,  $NaOH$  and  $H_3BO_3$ , as well as draining of spent sample and titrated solution, are all user-programmable and then performed automatically. Up to 99 different distillation programs can be stored and executed. Ready for external titration unit.

- User-friendly design
- Ready for external titration unit (e.g. SCP SCIENCE Titrator)
- Pressure monitoring
- Automatic level monitor for the supply tanks
- Glass components for distillation mounted in full view behind transparent guard
- "Standby" function for low consumption of power and cooling water
- Automatic steam generation
- Variable steam generating capacity (40% - 100%)
- Choice of manual or automatic addition of  $H_2O$ ,  $NaOH$  and  $H_3BO_3$
- Up to 99 distillation processes are freely programmable
- Programmable reaction time
- Programmable distillation time
- Automatic removal of sample residues by suction
- Automatic removal of titrated solution
- Distillation time 2 ... 3 minutes
- Error diagnosis with both visible and audible indication
- "Standby"- Function for low consumption of power and cooling water
- RS232 port for data transfer and control

### Technical specifications:

**Line voltage:** 230 V~, 50 Hz  
**Power requirement:** 1700 W



### SCP SCIENCE DIGIPREP 500: Distillation and titration

- The SCP SCIENCE DIGIPREP500, is designed to accept an external Titrator.
- The steam distillation unit SCP SCIENCE DIGIPREP 500 plus the titration accessory module Titrator perform as a fully automatic Kjeldahl nitrogen analysis system.

<b>Cooling water consumption:</b>	Approx. 3L/min
<b>Distillation time:</b>	Approx. 2 ... 3 min per sample
<b>Reagent containers:</b>	Size is optional.
<b>Data port:</b>	RS 232
<b>Display:</b>	LCD
<b>Program storage:</b>	99
<b>Dimensions (W x H x D):</b>	410 x 675 x 410 mm
<b>Weight:</b>	35 kg

### DigiPREP500: Ordering information

Description	Model	Cat. no.
Steam dist. unit, fully automatic, accepts external titrator (e.g. Titrator)	DIGIPREP 500	010-035-005
Set of canisters for DIGIPREP 500, consisting of 4 20L canisters, including float switch	Canister Set 500/400	010-035-204
Titration accessory module for the DIGIPREP500 steam distillation unit	Titrator	010-035-050