

DigiPREP 500 Steam Distillation Unit for Kjeldahl Nitrogen

Full-feature unit. Addition of H₂O, NaOH ad H₃BO₃, 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 H₂O, NaOH and H₃BO₃
- 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.

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