

VELP Scientifica Distillation Units



UDK 129

UDK 139

UDK 149

UDK 159

UDK 169

Analysis time	5 min. for 100 ml of distillate	4 min. for 100 ml of distillate	3 min. for 100 ml of distillate	from 4 min. (titration incl.)	from 4 min. (titration incl.)
Reproducibility (RSD)	≤ 1%	≤ 1%	≤ 1%	≤ 1%	≤ 1%
Recovery (at N level 1-200 mg N)	≥ 99.5 %	≥ 99.5 %	≥ 99.5 %	≥ 99.5 %	≥ 99.5 %
Automatic NaOH addition	•	•	•	•	•
Automatic H2O addition		•	•	•	•
Automatic H3BO3 addition			•	•	•
Selectable distillation time	•	•	•	not necessary with titration	not necessary with titration
Distillation residues removal		•	•	•	•
Steam flow regulation (10-100%)		•	•	•	•
Delay time (Devarda alloy analysis)	•	•	•	•	•
Distillation in series			•	•	•
Limited water consumption	•	•	•	•	•
Display	LCD	3.5" color touch screen	3.5" color touch screen	6" color touch screen	6" color touch screen
Programs	1	10	20	55 (31 + 24)	55 (31 + 24)
Language selection			•	•	•
Archive (on-board data storage)			•	•	•
Titration residual removal			•	•	•
Automatic titration vessel cleaning			•	•	•
Interchangeable burette				•	•
Mouse/printer connection	•	•	•	•	•
PC/USB pen drive connection			•	•	•
Balance connection				•	•
Autosampler connection					•
Dimensions (WxHxD) mm	385x780x416	385x780x416	385x780x416	385x780x416	385x780x416
	(in)	(15.2x30.7x16.4)	(15.2x30.7x16.4)	(15.2x30.7x16.4)	(15.2x30.7x16.4)
Weight	Kg	24.0	26.0	27.0	31.0
	(lb)	(52.9)	(57.3)	(59.5)	(68.3)
Power Supply		115 and 230 V	230 V	230 V	230 V
Power		1700 W and 2100 W	2100 W	2100 W	2200 W



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