PRACTICAL

RUGGED

SMART

Distillation

LABQUEST BY BOROSIL®



Kjeldahl Distillation Systems
with unmatched
Reproducibility and Repeatability

Distillation

Kjeldahl Distillation

Reproducible and Repeatable results always

- Borosilicate glass assembly along with SS steam generator for extended unit life
- Process kill switch to halt the process in case of accidental door opening
- Detachable bottom drip tray for extra protection against acidic attack during sample loading
- Anytime alkali addition during the distillation cycle
- Tube sensor that enables safe operating conditions in event of tube damage
- Reagent refill level sensor to avert reagent dry out

Feature/ Model	KDI010	KDI040
Steam addition	Automatic	
Distilled water addition	Manual	Automatic
Alkali addition	Manual	Automatic
Boric acid addition	Manual	Automatic
Input for 20 sample processing	Yes	NA
Display	LCD	
Tube Capacity (ml)	250 / 400ml	
Steam power (Adjustable)	25% to 100%	
Minimum distillation Time (mins)	5	
Reagent level sensor	NA	Yes
Anytime alkali addition	Yes	
Tube error detection	Yes	
Door close sensor	Yes	
Process resume from stop	Yes	
One point alkali and distilled water pump	NA	Yes
Two point calibration for acid pump	NA	Yes
Real time monitoring of process parameter	Yes	
SELV protection	Yes	
User Editable Programs	NA	50 (10 pre defined editable programs)
Nitrogen recovery	>99.5%	
Nitrogen reproducibility	±1 %	
RSD	<1%	
LOD	1-200mg with of ≥0.1mg of Nitrogen	
Current Consumption	5.5 A	5.5 A
Power consumption	1000 W	1000 W
Dimension (L X B X H)	(380 x 350 x 725) mm	(650 x 350 x 725) mm
HSN Code	84790000	
Ordering Code	BLFAKDI01000000000	BLFAKDI04000000000

ACCESSORIES

Description	Code
KDI Drip Tray ASM	BLA0KDI000DRP0TRAY
Oven Mittes - KDI ASM	BLA0OVM000KDI00000
Polypropylene Aspirator Bottle-34101 ASM	BLA0ASBPP050034101

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