

PRACTICAL

RUGGED

SMART

Distillation

LABQUEST
BY BOROSIL®



Kjeldahl Distillation Systems
with unmatched

Reproducibility and Repeatability

- 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	KDI040
Steam addition	Automatic
Distilled water addition	Automatic
Alkali addition	Automatic
KMnO ₄	Automatic
Boric acid addition	Automatic
Input for 20 sample processing	NA
Display	LCD
Tube Capacity (ml)	250 / 400ml
Steam power (Adjustable)	25% to 100%
Minimum distillation Time (mins)	5
Reagent level sensor	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	Yes
Two point calibration for acid pump	Yes
Real time monitoring of process parameter	Yes
SELV protection	Yes
User Editable Programs	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
Power consumption	1000 W
Dimension (L X B X H)	(650 x 350 x 725) mm
HSN Code	84790000
Ordering Code	

ACCESSORIES

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

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