

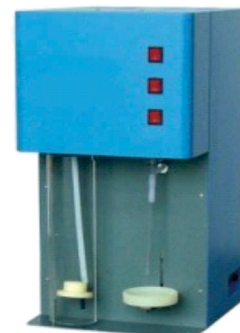
# CROP QUALITY INSTRUMENT

## Semi-automatic Kjeldahl Distillation System

Model: KDN

### ● Characteristics

- ▲ Auto microcomputer controlling process
- ▲ Automatically control distill, self-adding and self-stopping water, control waterline
- ▲ Various safety devices: digestive tube safety door, steam generator water shortage alarm, waterline detection fault alarm
- ▲ The outer plate adopts special plastic spray steel; working area adopts ABS anticorrosive board to prevent chemical reagent corrosion and mechanical surface from damage. Acidproof and alkaliproof.
- ▲ Standard configuration is not including digestion furnace.



Distiller(KDN series)

### ● Technical parameters

Measuring varieties: grain, food, dairy products, drink, animal food, soil, medicine, settling, chemical and so on.

Working mode: semi-automatic

Water feeding pattern: tap water and distilled water , in area widely used

Sample quantity: solid: 0.20g-2.00g, semisolid: 2.00g-5.00g, liquid: 10.00ml-25.00ml

Measurement Range: 0.1mgN-200mgN (mg nitrogen)

Operation Mode: semi automatic

Water Inlet Mode: tap water and distilled water

Recycle Rate:  $\geq 99\%$  (relative error, including digest process)

Repeat Rate: relative standard error  $\leq \pm 1\%$

Distilled speed: 5-15min/sample (according to sample amount)

Time for cooling water: 3L/Min

Power adapter: AC220V / 50HZ

Power: 1000W

Water supply: water pressure  $> 1.5\text{MPa}$ ; water temperature  $< 20^\circ\text{C}$

Dimensions: 380\*320\*670mm

Weight: 20kg