

A20 AutoSampler

A20 — 20-Position Autosampler for Kjeldahl Analyzers

Overview

The A20 is a 20-position rack-type autosampler for the K12 and K18 fully automatic Kjeldahl analyzers — the recommended auto-sampling solution for new installations. It accepts a complete 20-position tube rack as one unit: after Smart 20 digestion, the same rack goes straight onto the A20 with no tube-by-tube transfer. An automatic door, an auto-extending rack tray and a foot-triggered switch let the operator load a full rack with both hands occupied, then run up to 20 consecutive samples in true unattended batch operation.

Features

- 20-position rack-type autosampler for the K12 and K18 analyzers (both provide the autosampler interface); runs up to 20 consecutive samples per batch for true unattended batch operation.
- Whole-rack workflow with the Smart 20 digester: after digestion the samples stay in the same 20-position tube rack — lift the rack out and place it directly onto the A20, no tube-by-tube transfer, fewer handling steps and lower error risk.
- Automatic door with auto-extending rack tray: door opens, the tray extends to receive the rack, retracts, the door closes and testing starts — no manual door handling at any step.
- Two ways to open: an upper manual button and a lower foot-triggered switch — an operator carrying a loaded 20-position rack with both hands can trigger the door by foot.
- An operational refinement over conventional 20-position rack-transfer autosampler designs that require the door to be opened and closed by hand.

Specifications

Batch capacity	20 positions — up to 20 samples per batch
Rack handling	Whole 20-position tube rack transfer (accepts the Smart 20 digestion rack directly)
Door & tray	Automatic door with auto-extending rack tray
Open controls	Upper manual button + lower foot-triggered switch
Compatible analyzers	K12 / K18 (auto-sampler interface)
Test tube	Sonnen 300 mL digestion tube

All technical parameters are subject to change without notice.

Application fields

Food & feed, dairy, soil & agriculture, fertilizer, environmental monitoring and the chemical industry — any method built on Kjeldahl nitrogen / protein determination, across research, teaching and quality-supervision laboratories.

Specifications as published at www.sino-sonnen.com. Final configuration is confirmed per order — request a quotation: info@sino-sonnen.com · R&D: Jiading District, Shanghai · Manufacturing: Luoyang, Henan, China