

Smart 42 Automated Aluminum Block Digester

Smart 42 — 42-Position Automatic Kjeldahl Block Digester

Overview

Forty-two-position model of the Smart aluminum-block digester series, running 100 mL digestion tubes with 21-stage user-defined temperature ramps from ambient to 450 °C.

Features

- 42 positions with 100 mL digestion tubes.
- 21-stage user-defined temperature ramps.
- Stores up to 510 user-defined digestion programs for recall of validated methods at any time.
- Over-temperature protection and intelligent fault detection.
- Optional lifting mechanism and exhaust absorption interface.

Specifications

Tube positions	42 tubes
Tube volume	100 mL
Sample size	Solid ≤2 g / Liquid ≤10 mL
Temperature range	Ambient–450 °C
Heating program	21-stage user-defined ramps
Data storage	510 user-defined digestion programs
Power consumption	2400 W
Dimensions	450×320×200 mm
Protection	Over-temperature protection, intelligent fault detection
Options	Lifting mechanism / exhaust absorption interface

All technical parameters are subject to change without notice.

Application fields

Sample preparation for Kjeldahl nitrogen, COD, heavy-metal and trace-element determination in food, feed, soil, water, fertilizer and the chemical industry.

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