

KJELFASTER-A24

Kjeldahl Autosampler • 24 positions • for KJELFASTER-K900 • 4 × 15 L reagent tanks

KJELFASTER-A24 Kjeldahl Autosampler is a 24-position autosampler for unattended Kjeldahl batches on the KJELFASTER-K900. It moves the $\varnothing 42 \text{ mm} \times 300 \text{ mL}$ digestion tubes to the analyzer, keeps the cleaning position separate from the test positions to prevent cross-contamination and carries 4 × 15 L reagent tanks for approx. 500 analyses per fill. It is powered and controlled by the K900 via CAN (24 V DC, 40 W), so no separate power supply is needed.

KJELDAHL AUTOSAMPLER

24 POSITIONS

ONLY FOR KJELFASTER-K900

SEPARATE CLEANING POSITION

4 × 15 L REAGENT TANKS

≈500 ANALYSES PER FILL

CAN • 24 V DC

NO SEPARATE POWER SUPPLY

Document type: **Technical Specification Sheet**

Product: **KJELFASTER-A24 Kjeldahl Autosampler**

SKU: **PRO7166**

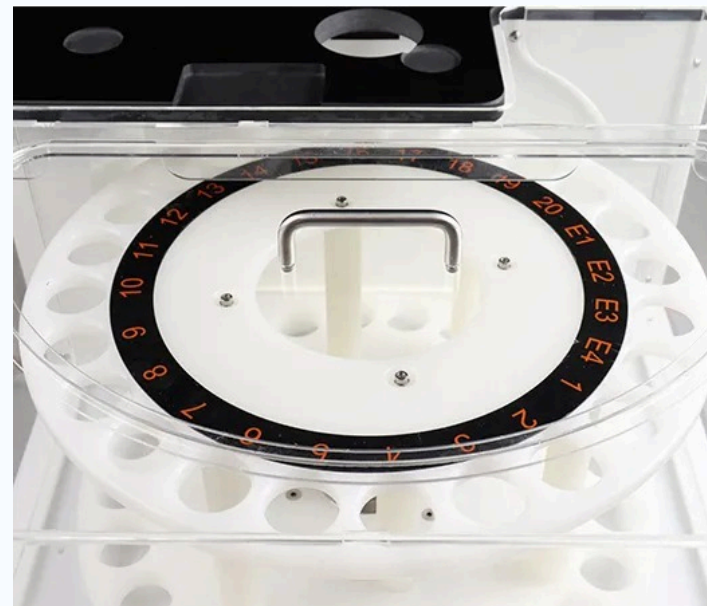
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KJELFASTER-A24 • Kjeldahl Autosampler



Automated Kjeldahl station • KJELFASTER-K900 with the KJELFASTER-A24 autosampler

MODEL / SKU

**KJELFASTER-A24
PRO7166**

ADDRESS / HQ

**Polje ob Sotli 4
SI-3255, Slovenia**

CONTACT

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KJELFASTER-A24 • technical specification

Unattended batches of 24 samples with large reagent capacity

24 POSITIONS

4 × 15 L TANKS

≈500 ANALYSES PER FILL

CAN • 24 V DC • 40 W

920 × 625 × 908 MM

— Extends the KJELFASTER-K900 to unattended overnight and shift operation

Product Overview

Application profile

High-throughput labs: 24 digested samples per batch without operator attendance.

Overnight and shift work: the batch runs while the staff prepares the next digestion.

Accredited labs: all results go into the K900 data memory with audit trail.

Contract laboratories: predictable capacity and fewer reagent refills.

Key features

Capacity: 24 samples per batch, $\varnothing 42$ mm × 300 mL tubes.

Motion: rotor speed ≥ 0.04 r/s, sampling speed ≥ 40 mm/s.

Reagents: 4 × 15 L tanks, approx. 500 analyses per fill.

Connection: CAN to the K900; 24 V DC, 40 W from the analyzer.

Size: 920 × 625 × 908 mm, 80 kg.

Core technical summary

Parameter	Specification
Model	KJELFASTER-A24
SKU	PRO7166
Instrument type	Kjeldahl autosampler
Capacity	24 samples per batch
Digestion tubes	$\varnothing 42$ mm, 300 mL (standard, open format)
Reagent tanks	4 × 15 L
Analyses per fill	approx. 500
Connection	CAN (to the KJELFASTER-K900)
Rated power	40 W
Compatibility	KJELFASTER-K900 only

Value for the laboratory

Walk-away operation: load 24 digested tubes and let the K900 run the batch.

No cross-contamination: the cleaning position is separated from the test positions.

Fewer refills: 4 × 15 L reagent tanks for approx. 500 analyses per fill.

Simple installation: powered and controlled by the K900 via CAN — no separate power supply.

POSITIONS

24

REAGENT TANKS

4 × 15 L

PER FILL

≈500 analyses

RATED POWER

40 W

Technical values are provided for product selection; the delivered configuration is confirmed in the official COLO.Science quotation. Every Kjeldahl system is supported by COLO.Science with installation, operator training, method validation on your sample and local service.

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Technical Parameters

Parameter	Specification	Parameter	Specification
Model	KJELFASTER-A24	Reagent tanks	4 × 15 L
SKU	PRO7166	Analyses per fill	approx. 500
Instrument type	Kjeldahl autosampler	Connection	CAN (to the KJELFASTER-K900)
Capacity	24 samples per batch	Power supply	24 V DC from the analyzer
Digestion tubes	φ42 mm, 300 mL (standard, open format)	Rated power	40 W
Cleaning position	separate from the test positions	Compatibility	KJELFASTER-K900 only
Rotor speed	≥0.04 r/s	Dimensions (W×D×H)	920 × 625 × 908 mm
Sampling speed	≥40 mm/s	Weight	80 kg

Specification notes

Compatibility: works only with the KJELFASTER-K900; not with the K300, K500 or K700.

Throughput: 24 positions per batch; for more batches per shift plan reloading during the next digestion.

Installation: bench space for analyzer and autosampler side by side is confirmed in the quotation.

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Options and accessories



PRO3572

KJELFASTER-K900 fully automatic analyzer

10" touchscreen, 0.2–1.0 µL/step, 21 CFR Part 11, 1 million results, 0.5 L/min water.

Optional



PRO3576

KJELDIG-D450 infrared Kjeldahl digester

Infrared + graphite, 400 °C in 25 min, 20 programs; hood and cooling rack included.

Optional



PRO3575

KJELDIG-D250 Kjeldahl digester

20 × 300 mL, up to 450 °C, ±1 °C, 10 programs × 5 steps; fume hood included.

Optional



PRO5814

EXSC5 scrubber

Three-stage neutralization: water condensation, alkali, activated carbon; adjustable suction.

Optional



Digestion tubes $\varnothing 42 \times 300$ mL (set)

Standard open-format tubes for all KJELDIG digestors and KJELFAST / KJELFASTER units — one tube from digestion to distillation.

Optional

More options and consumables

SKU	Item	Use	Status
—	Reagents: sulfuric acid, NaOH 40 %, boric acid with indicator, standard acid	Consumables — ordered separately	Optional
—	Kjeldahl catalyst tablets	Digestion — consumable, ordered separately	Optional

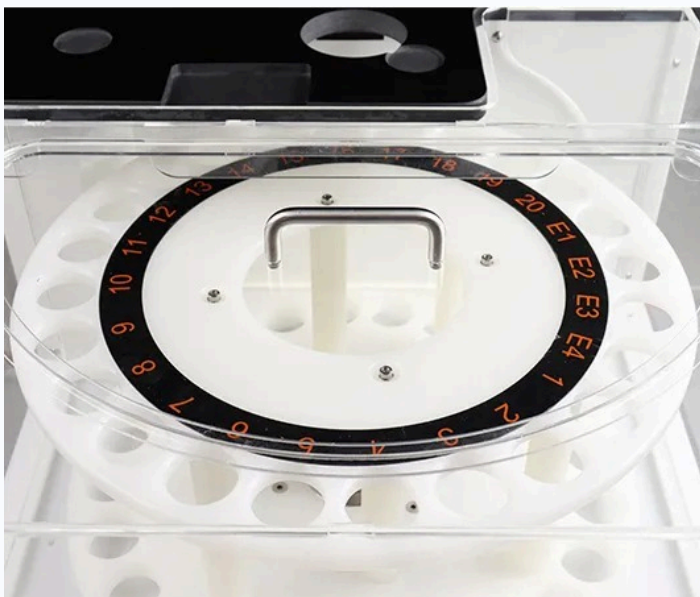
Standard delivery is confirmed in the quotation. The A24 requires a KJELFASTER-K900; digestion tubes and reagents are ordered separately.

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KJELFASTER-A24 Kjeldahl autosampler

Ordering information

Item	Value
Model	KJELFASTER-A24
SKU	PRO7166
Instrument type	Kjeldahl autosampler
Required	KJELFASTER-K900
Capacity	24 samples per batch
Reagent tanks	4 × 15 L
Connection	CAN (to the KJELFASTER-K900)
Dimensions (W×D×H)	920 × 625 × 908 mm

Configuration checklist

Analyzer: K900 already installed or ordered together.

Batch size: 24 tubes per run.

Bench: space and load capacity for 80 kg next to the analyzer.

Reagents: 4 × 15 L tanks — plan reagent preparation.

MANUFACTURER AND SUPPORT

COLO Lab Experts

Polje ob Sotli 4, SI-3255, Slovenia

Selection guidance: KJELFASTER-A24 is selected when a K900 laboratory wants to run 24-sample batches unattended with minimal reagent refilling. For manual loading the K900 alone is sufficient.

QUICK CONTACT

 colo.si

 sales@colo.si

 +386 70 713 437

COLO.SCIENCE · KJELDAHL SYSTEM CONFIGURATION SUPPORT

Need help configuring your Kjeldahl system?

Tell us the sample types and daily number of samples. COLO.Science will configure the system with the KJELFASTER-A24 (digester, scrubber, analyzer), validate the method on your sample and send a quotation.

Web: colo.si

Ask us:

Price and current discount, delivery time, system configuration for your samples, installation and operator training, method validation, digestion tubes, reagents and spare parts — write to sales@colo.si or call us.

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