

Digestion systems, SpeedDigester K-425, K-436, K-439



For a wide range of applications, including protein analysis - digestion, food and animal feed and environmental samples

K-425 and K-436

- Short warm-up time thanks to IR heater
- Flexibility thanks to use of 300mL and 500mL sample tubes
- Up to 12 samples

Additional features of K-439

- Maximum reproducibility thanks to accurate temperature control
- Increased ease of use thanks to LC display and method memory

SpeedDigester K-425 basic IR digester (6 place with 300mL)

SpeedDigester K-436 basic IR digester (12 place with 300mL)

SpeedDigester K-439 Advanced IR digester (12 place with 300mL)

K-439 - new innovation: perfect reproducibility thanks to temperature control

Basic K-425 and K-436 IR Speed Digesters:

The heating level is adjusted using continuous controls. The optimised design of the heating chambers reliably ensures all samples are homogeneously heated, an aspect that prevents the foaming of critical samples. With the K-436 the two heating chambers can be controlled individually.

Advanced K-439 IR SpeedDigester

The only IR digestion system that has an integrated temperature sensor, so that digestion at exact temperatures is achievable. The advantages of IR and block heating systems are now combined. Using modern application software, digestion methods (temperature ramps and time) can be programmed and saved in the database with a method name. The SpeedDigester K-439 also features an LC display which shows the progress during a digestion.

Technical Specification - Specific

	12048139	11967228	11997228	10641451	12772850	12732860
No. of samples	6 (300 mL)	12 (300 mL)	12 (300 mL)	5 (500 mL)	10 (500 mL)	10 (500 mL)
Power consumption, W	1,280	2,550	2,000	1,280	2,550	2,000
Weight, kg	12	15.5	15.5	12	15.5	15.5
Temperature stability, °C	-	-	± 5 °C at 200 °C ± 10 °C at 550 °C	-	-	± 5 °C at 200 °C ± 10 °C at 550 °C

Catalogue No	Legacy No	Alt. No	Description
12048139	-	1154252200	SpeedDigester K-425, six place basic IR digester, with suction module and condensate trap, for 300mL tubes
11967228	-	1154362200	SpeedDigester K-436, twelve place basic IR digester, with suction module and condensate trap, for 300mL tubes
11997228	-	1154392200	SpeedDigester K-439, twelve place basic IR digester, with two suction module and condensate trap, for 300mL tubes
10641451	-	1154252500	SpeedDigester K-425, five place basic IR digester, with suction module and condensate trap, for 500mL tubes
12772850	-	1154362500	SpeedDigester K-436, ten place basic IR digester, with suction module and condensate trap, for 500mL tubes
12732860	-	1154392500	SpeedDigester K-439, ten place basic IR digester, with two suction module and condensate trap, for 500mL tubes

Accessories

Catalogue No	Legacy No	Alt. No	Description
12788703	-	030973	Connecting cable for Scrubber B-414
12840176	-	37377	Sample tubes 300mL, set of 4
13544700	-	43982	Sample tubes 500mL, set of 4
11917238	-	11055248	Rack for 6 sample tubes of 300mL
12698949	-	11056966	Rack for 5 sample tubes of 500mL (cpl.)
13534700	-	43041	Sample tube holder for 12 tubes 300mL
12684559	-	11055216	Stand with drip tray, drip tray for suction manifold



Technical Specification - General

Electrical supply	220-240V 50/60Hz
Dimensions [w x d x h], mm	310 x 620 x 540
Temperature range, °C	70 to 580
Approvals/ standards	CE
IP number	20

