DK Series Digestion Units

VELP Digesters with Temperature Ramps

- High-performance, high reliability for the preparation of your samples
- Continuous innovation and dedication to taking care of the details
- New support system and suction caps

VELP digestion/mineralization systems are developed for different applications, from the determination of nitrogen and protein according to the Kjeldahl method (TKN) in food analysis to environmental analyses (Chemical Oxygen Demand) and chemical-pharmaceutical applications.

VELP Scientifica offers a broad range of digesters (DK 6, DK 6/48, DK 8 and DK 20/26).

The aluminum block requires **no maintenance** and ensures a **complete and homogeneous digestion**, with **high reliability**.

The DK Series includes a **simple graphic display** that guides the user in a simple and fast way, planning and monitoring the various digestion phases.

20 working programs are available, with up to **4 temperature ramps** for the simultaneous digestion of 6 (x 250 ml, Ø 42 mm, or x 300 ml, Ø 48 mm), 8 (x 250 ml, Ø 42 mm) or 20 (x 100 ml, Ø 26 mm) samples.

The whole series is provided with a **wide range of options** (temperature selections, programmable permanence time, "continuous" working mode availability).

All VELP digesters can be integrated with accessories to **facilitate use**.

A 20-position (250 ml tubes, Ø 42 mm) and a 42-position for Micro-Kjeldahl (100 ml tubes, Ø 26 mm) digesters are also available. Find more information on the dedicated leaflet.

VELP SCIENTIFICA®

Features and Benefits

VELP DK digesters series can be integrated with accessories to save time, while ensuring safety for the operator and work environment.

Accessories available for all DK digesters:

Support System for the test tube holder and suction cap, facilitates sample cooling, provides careful treatment, and maximizes space on the laboratory's countertop
Sample rack with heat shields guarantees heating uniformity
Suction cap allows efficient fume removal during digestion; it is used with the type JP Water Jet Pump and the type SMS VELP Scrubber

Among the main characteristics:

Friendly use – With just 4 keys, you can set different operations
High accuracy – Temperature precision is ±0.5 °C, with a quick heating speed
RS232 interface – for PC data transfer and storage according to GLP
Safety – Electronic microprocessor checks and automatically calibrates the heating block's temperature
Customizable – the operator can choose among 6 different languages

VELP DK digesters series are superior solutions for the laboratory needs and are designed and manufactured according to International Standards.

Technical Data	Description
Construction material:	epoxy painted stainless steel structure
Display:	2-line LCD display
Interfaces:	RS232
Measure selection:	°C or °F
Selectable temperatures:	from room temp. to 450 °C / 842 °F
Selectable programs:	20 with 4 ramps for each program
Selectable durations:	from 001 to 999 minutes
Power supply:	230 V / 50-60Hz or 115V / 50-60 Hz - DK 6, DK 8, DK 20/26, DK 6/48
Power:	1100 W - DK 6, DK 6/48, DK 20/26 1350 W - DK 8
Weight:	16.2 kg - DK 6 15.6 kg - DK 6/48 21.9 kg - DK 8 18.8 kg - DK 20/26
Dimension (WxHxD) :	293x152x339 mm - DK 6, DK 6/48, DK 20/26 233x152x448 mm - DK 8
Ordering information Code No	Description
F30100182	Digester model DK 6, 230 V / 50-60 Hz
F30110182	Digester model DK 6, 115 V / 50-60 Hz
F30100188	Digester model DK 6/48, 230 V / 50-60 Hz
F30110188	Digester model DK 6/48, 115 V / 50-60 Hz
F30100020	Digester model DK 8, 230 V / 50-60 Hz
F30110020	Digester model DK 8, 115 V / 50-60 Hz
F30100185	Digester model DK 20/26, 230 V / 50-60 Hz
F30110185	Digester model DK 20/26, 115 V / 50-60 Hz

For a correct and ready-to-use configuration, remember to order the following **operating accessories (required)**:

- Support System
- Sample Rack with Heat Shields
- Suction Cap
- Test Tubes

Your authorized agent:

We reserve the right to make technical alternations
We do not assume liability for errors in printing, typing or transmission

CERTIFICATIONS
ISO 9001
ISO 14001
OHSAS 18001
QUALITY, ENVIRONMENTAL AND HEALTH AND SAFETY MANAGEMENT SYSTEM

CE