



# OV 725 Digital

## Dispersers

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Achieve More, Experience More in your dispersion, homogenization and mixing challenges



# OV 725 Digital

The OV 725 Digital ensures accurate results, effortless operation, and lasting durability. Engineered for homogenizing, emulsifying, suspending, and rapidly mixing cosmetics, food items, pharmaceuticals, and biological tissues across all laboratory applications.

## SUPERIOR PERFORMANCE AND LASTING DURABILITY

- Powerful brushless motor running from 2,000 up to 25,000 rpm.
- Volume range from 0.2 ml to 2.5 L (H<sub>2</sub>O).
- Handles samples up to 5,000 mPa\*s viscosity.

## SMART MAINTENANCE AND RELIABLE MONITORING

- LED indicators signal the time remaining before maintenance for prompt gasket replacement.
- The integral cyclic timer (up to 99:59 hours) guarantees accurate results, unattended operations and helps process a large number of a samples in series.
- The efficient motor dissipates heat better, reducing instrument overheating risk.

## SAFE AND EASY-TO-USE

- Quick and simple dispersing tool installation system.
- Dedicated alarms provide user with proactive alerts for potential risks like overtemperature, motor failure, and improper tool installation.
- The control panel is designed to optimize user experience with the bright and intuitive 4-digit LED display.



OV 725 Digital



OV 725 Digital System

## CONFIGURATIONS

## OPTIONAL ACCESSORIES

Double Rod Mini H-Stand Set	A00000484
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## INSTRUMENT - CODE

OV 725 Digital	230 V / 50-60 Hz	F20900475*
OV 725 Digital	115 V / 60 Hz	F20910475*
OV 725 Digital System	230 V / 50-60 Hz	SA20900475**
OV 725 Digital System	115 V / 60 Hz	SA20910475**

\*Includes: OV 725 Digital Disperser; Tool disassembly kit.

\*\*Includes: OV 725 Digital Disperser; Tool disassembly kit; Double Rod Mini H-Stand; D20-S20C-P-R20S Dispersing tool.

# VELP Dispensing Tools

High-quality stainless steel dispensing tools featuring a PTFE seal. VELP D20 series tools ensure high chemical resistance and easy and quick installation procedure.

## Included in the system

### D20-S20C-P-R20S

Code A00000478



Dispensing tool suitable for the majority of laboratory applications.

- VOLUME RANGE: 50 - 2,000 ml
- STATOR DIAMETER: 20 mm
- ROTOR DIAMETER: 15 mm
- ULTIMATE FINENESS EMULSION: 1 - 10 µm
- ULTIMATE FINENESS SUSPENSION: 10 - 50 µm

INDUSTRY:

### D20-S20F-P-R20C

Code A00000462



Dispensing tool for solid-liquid dispersion, suitable for fibrous samples.

- VOLUME RANGE: 50 - 2,000 ml
- STATOR DIAMETER: 20 mm
- ROTOR DIAMETER: 15 mm
- ULTIMATE FINENESS EMULSION: 1 - 7 µm
- ULTIMATE FINENESS SUSPENSION: 5 - 40 µm

INDUSTRY:

### D20-S20F-P-R20E

Code A00000463



Emulsifying tool for liquid-liquid dispersions requiring a high final fineness.

- VOLUME RANGE: 50 - 2,000 ml
- STATOR DIAMETER: 20 mm
- ROTOR DIAMETER: 15 mm
- ULTIMATE FINENESS EMULSION: 1 - 7 µm
- ULTIMATE FINENESS SUSPENSION: 5 - 40 µm

INDUSTRY:

### D20-S20F-P-R20M

Code A00000464



Dispensing tool, suitable for emulsions (liquid-liquid) and suspensions (solid-liquid), requiring high final fineness.

- VOLUME RANGE: 50 - 2,000 ml
- STATOR DIAMETER: 20 mm
- ROTOR DIAMETER: 15 mm
- ULTIMATE FINENESS EMULSION: 1 - 7 µm
- ULTIMATE FINENESS SUSPENSION: 5 - 40 µm

INDUSTRY:

### D20-S25C-P-R25C

Code A00000479



Universal dispensing tool for high volumes, particularly suitable for dispersing solid phases.

- VOLUME RANGE: 100 - 2,500 ml
- STATOR DIAMETER: 25 mm
- ROTOR DIAMETER: 18 mm
- ULTIMATE FINENESS EMULSION: 1 - 10 µm
- ULTIMATE FINENESS SUSPENSION: 15 - 50 µm

INDUSTRY:

### D20-S20F-P-R25E

Code A00000480



High peripheral speed emulsifying tool suitable for particularly fine liquid-liquid dispersions.

- VOLUME RANGE: 100 - 2,500 ml
- STATOR DIAMETER: 25 mm
- ROTOR DIAMETER: 18 mm
- ULTIMATE FINENESS EMULSION: 1 - 5 µm
- ULTIMATE FINENESS SUSPENSION: 5 - 25 µm

INDUSTRY:

### D20-S25F-P-R25M

Code A00000469



Dispensing tool for particularly fine emulsions (liquid-liquid) and suspensions (solid-liquid).

- VOLUME RANGE: 100 - 2,500 ml
- STATOR DIAMETER: 25 mm
- ROTOR DIAMETER: 18 mm
- ULTIMATE FINENESS EMULSION: 1 - 5 µm
- ULTIMATE FINENESS SUSPENSION: 5 - 25 µm

INDUSTRY:

### D20-S40C-P-R25C

Code A00000472



Dispensing tool for high-speed stirring and crushing of solid samples in a liquid.

- VOLUME RANGE: 1,000 - 4,000 ml
- STATOR DIAMETER: 40 mm
- ROTOR DIAMETER: 18 mm

INDUSTRY:

### D20-S5S-P-R5S

Code A00000473



Dispensing tool for solid-liquid and liquid-liquid dispersions, suitable for processing particularly small volumes.

- VOLUME RANGE: 0,2 - 50 ml
- STATOR DIAMETER: 5 mm
- ROTOR DIAMETER: 3.2 mm
- ULTIMATE FINENESS EMULSION: 1 - 10 µm
- ULTIMATE FINENESS SUSPENSION: 10 - 50 µm

INDUSTRY:

## INDUSTRY LEGEND

# TECHNICAL DATA

	OV 725 Digital
USER INTERFACE	Digital
HOUSING MATERIAL	Aluminum - Technopolymer
VOLUME (H <sub>2</sub> O)	0.2 ml - 2.5 L
SPEED RANGE	2,000 – 25,000 rpm
SPEED CONTROL	Digital
SPEED SETTING RESOLUTION	100 rpm
NOISE (WITHOUT ELEMENT)	70 dBa
PERMISSIBLE AMBIENT TEMPERATURE	+5 ... +40 °C
PERMISSIBLE RELATIVE HUMIDITY	Up to 80%
WORKING TIMER	Yes (up to 99:59 hours)
DISPERSING TOOL MAINTENANCE TIMER	Yes
ALARM IF DISPERSING TOOL IS NOT PRESENT	Yes
INSTRUMENT OVERTEMPERATURE ALARM	Yes
MOTOR	Brushless (BLDC)
MOTOR COUNTER	Yes, Hours or days of working
POWER INPUT	500 W
WEIGHT	3.7 kg (8.1 lb)
DIMENSIONS (WXHxD)	100x280x235 mm (3.9x11x9.3 in)



## SERVICE & SUPPORT

VELP Scientifica products are designed by our engineers to resist years of laboratory use.

Our products are manufactured with premium materials to guarantee the best performance with maximum safety.

According to our experience, a proper and regular maintenance is necessary to ensure the highest performance of analytical instrument. VELP Service Department and VELP Official Partners are always ready to offer you maintenance and service support tailored to your needs.

GET THE SUPPORT YOU NEED CHOOSING THE OPTIONS:

- Help-desk and Remote support
- Technical Assistance
- Analytical Support



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