

OV 625 Digital

Dispersers

Powerful digital disperser designed for excellent homogenization, suspension, emulsification and mixing.



OV 625 Digital

The OV 625 Digital ensures the maximum level of reproducibility for a wide range of applications. Cutting-edge technology and engineering expertise guarantee precision and high shearing force for fast homogenization, emulsification, suspensions, and high-speed mixing of biological tissues, pharmaceuticals, cosmetics and food products.

SIMPLY POWERFUL

- Speed range from 3,000 to 25,000 rpm, working at high circumferential speed
- Volume range from 0.2 ml to 2.5 litres (H₂O)
- Handles samples up to 5,000 mPa*s viscosity

INTUITIVE AND EASY-TO-OPERATE

- The bright and intuitive digital display and the comfortable rotating knob enable precise electronic speed setting
- Fast and simple dispersing tool installation
- Innovative design for an optimized user experience

SAFE AND RESISTANT

- Various safety functions, such as a soft start, motor overload protection, and overtemperature alarms, ensure the highest safety in daily operations
- A resistant and robust housing protects the internal electronic parts and ensures the instrument works even in the most challenging applications
- Premium construction materials guarantee excellent mechanical properties and chemical resistance







CONFIGURATIONS

OPTIONAL ACCESSORIES

Double Rod Mini H-Stand Set A00000383

INSTRUMENT - CODE

OV 625 Digital	230 V / 50-60 Hz	F20900470*
OV 625 Digital	115 V / 60 Hz	F20910470*
OV 625 Digital System	230 V / 50-60 Hz	SA20900470**
OV 625 Digital System	115 V / 60 Hz	SA20910470**

^{*}Includes: OV 625 Digital Disperser; Tool disassembly kit.

^{**}Includes: OV 625 Digital Disperser; Tool disassembly kit; Double Rod Mini H-Stand; D20-S20C-P-R20S Dispersing tool.

P Dispersing Tools

High-quality stainless steel dispersing 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



Dispersing 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













Code A00000462



Dispersing 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















D20-S20F-P-R20M

Code **A00000464**



Dispersing tool, suitable for emulsions (liquidliquid) 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:













Code A00000479



Universal dispersing 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



Dispersing 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



Food & Feed







D20-S40C-P-R25C



Dispersing 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



Dispersing 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:



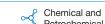
INDUSTRY LEGEND













ECHNICAL DATA

	OV 625 Digital
USER INTERFACE	Digital
HOUSING MATERIAL	Aluminum - Technopolymer
VOLUME (H ₂ O)	0.2 ml - 2,500 ml
SPEED RANGE	3,000 – 25,000 rpm
SPEED CONTROL	Digital
SPEED SETTING RESOLUTION	200 rpm
NOISE (WITHOUT ELEMENT)	75 dBa
PERMISSIBLE AMBIENT TEMPERATURE	+5 +40 °C
PERMISSIBLE RELATIVE HUMIDITY	Up to 80%
MOTOR	BAC
POWER INPUT	800 W
WEIGHT	2.4 kg (5.3 lb)
DIMENSIONS (WXHXD)	92x280x130 mm (3.6x11x5.1 in)



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- Analytical Support













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