



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



OV 625 Digital



OV 625 Digital System

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.

VELP 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

INDUSTRY: Food & Feed, Pharmaceutical, Cosmetic, Chemical and Petrochemical, Life Science

D20-S20F-P-R20C

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: Food & Feed, Pharmaceutical, Cosmetic, Chemical and Petrochemical, Life Science

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: Food & Feed, Pharmaceutical, Cosmetic, Chemical and Petrochemical, Life Science

D20-S20F-P-R20M

Code **A00000464**



Dispersing 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: Food & Feed, Pharmaceutical, Cosmetic, Chemical and Petrochemical, Life Science

D20-S25C-P-R25C

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: Food & Feed, Pharmaceutical, Cosmetic, Chemical and Petrochemical, Life Science

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: Food & Feed, Pharmaceutical, Cosmetic, Chemical and Petrochemical, Life Science

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

INDUSTRY: Food & Feed, Pharmaceutical, Cosmetic, Chemical and Petrochemical, Life Science

D20-S40C-P-R25C

Code **A00000472**



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: Life Science

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: Life Science

INDUSTRY LEGEND

TECHNICAL 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)



South Australia & NT
Ph: (08) 8186 0523
rowesa@rowe.com.au

Queensland
Ph: (07) 3376 9411
roweqld@rowe.com.au

Victoria & Tasmania
Ph: (03) 9701 7077
rowevic@rowe.com.au

New South Wales
Ph: (02) 9603 1205
rowensw@rowe.com.au

Western Australia
Ph: (08) 9302 1911
rowewa@rowe.com.au