VELP SCIENTIFICA
Analytical Instruments
Raised To Excellence

LABSOLUTIONS

OHS Series
Overhead Stirrers

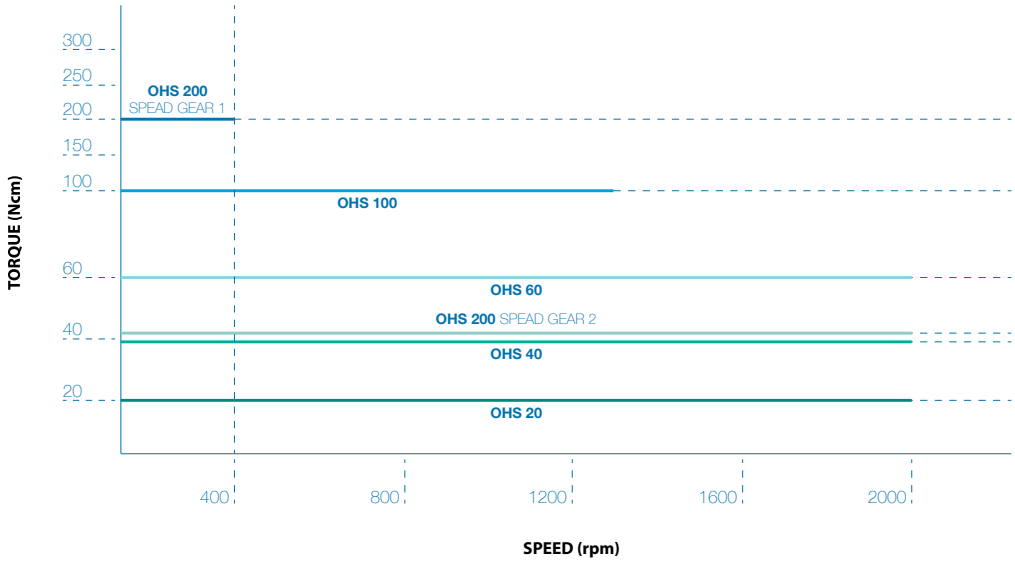
Safer, Smarter, Stronger.



PREMIUM RESISTANCE IP 54



STABLE TORQUE AT ANY SPEED



SMART CHUCK™



COMPACT, INTUITIVE AND EASY TO USE



OHS ADVANCE

Overhead stirrers with 3.5" TFT display, method setting, precise torque measurement, temperature monitoring, vibration sensor, timer and Wi-Fi connection to address the most demanding applications.



SAFETY

- The sealed case protects the instruments from corrosion even in the most aggressive environments with an IP 54 protection rating
- The Lock Key prevents unintentional modifications of the work setting
- Full protection in case of overload, overtemperature and overcurrent
- The vibration sensor guarantees maximum safety

PERFORMANCE

- Brushless motor and SpeedServo™ technology maintain torque constant at any speed
- Single and double speed gear models
- Up to 200 Ncm torque and 100 L volume depending on the model
- Silent operation even at maximum speed (up to 2000 rpm)

SIMPLYFING YOUR WORK

- The OHS SmartChuck™ technology simplifies the shaft accommodation process that can be carried out even with one hand and does not require any tool, making your life easier.
- All the important information are always at a glance and the knob and keys facilitate the use in any condition
- Temperature monitoring with included Pt 100 temperature probe

EXCLUSIVE TECHNOLOGY

- Real time torque, speed and temperature graph monitoring
- Integral timer
- Programmable methods
- Remote control via Wi Fi connection to VELP Ermes Cloud Platform



ermes enabled

CONFIGURATIONS



OHS 60 Advance
Pt 100 included



OHS 100 Advance
Pt 100 included



OHS 200 Advance
Pt 100 included

OHS DIGITAL

Digital Overhead Stirrers with up to 200 Ncm torque to guarantee excellent performance for any task. All models features brushless motor, SmartChuck™ and full set of safety features.

SAFETY

- The sealed case protects the instruments from corrosion even in the most aggressive environments with an IP 54 protection rating
- The Lock Key prevents unintentional modifications of the work setting
- Full protection in case of overload, overtemperature and overcurrent

PERFORMANCE

- Brushless motor and SpeedServo™ technology maintain torque constant at any speed
- Single and double speed gear models
- Up to 200 Ncm torque and 100 volume depending on the model
- Silent operation even at maximum speed (up to 2000 rpm)

EASE OF USE

- The OHS SmartChuck™ technology simplifies the shaft accommodation process that can be carried out even with one hand and does not require any tool, making your life easier
- Digital display for precise setting and monitoring
- Compact design and easy handling

PREMIUM FEATURES

- Integral Timer for unattended operations
- Real time torque tendency led indicator
- USB Interface



CONFIGURATIONS



OHS 20 Digital



OHS 40 Digital



OHS 60 Digital



OHS 100 Digital



OHS 200 Digital

OPTIONAL ACCESSORIES

Double clamp	**A00001301**
Ribbon clamp	**A00001302**
Probe extension cable, lenght 1 m	**A00000002**
Glass temperature probe	**A00000003**
Support rod for probe	**A00000372**

STAND



A00001300
Support rod and base

STIRRING SHAFTS

■ With **floating blades**



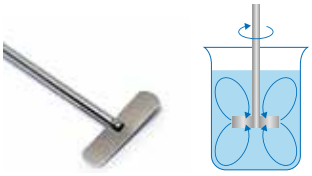
Code **A00001304**

■ With **6-hole paddle**



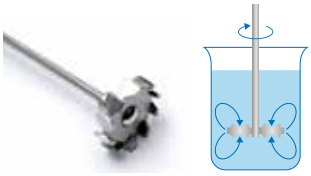
Code **A00001308**

■ With **folding blade**



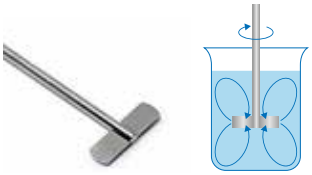
Code **A00001305**

■ With **turbine**



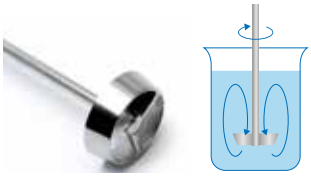
Code **A00001309**

■ With **fixed blade**



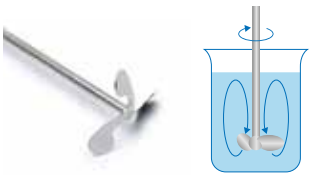
Code **A00001306**

■ With **turbo propeller**



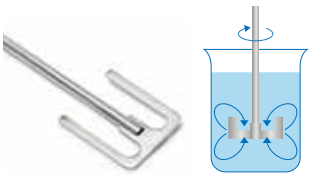
Code **A00001310**

■ With **propeller**



Code **A00001307**

■ With **anchor**



Code **A00001311**

INSTRUMENT - CODE

OHS 20 Digital	230 V / 50-60 Hz	**F20100494**
OHS 20 Digital	115 V / 60 Hz	**F20110494**
OHS 40 Digital	230 V / 50-60 Hz	**F20100493**
OHS 40 Digital	115 V / 60 Hz	**F20110493**
OHS 60 Digital	230 V / 50-60 Hz	**F20100492**
OHS 60 Digital	115 V / 60 Hz	**F20110492**
OHS 100 Digital	230 V / 50-60 Hz	**F20100491**
OHS 100 Digital	115 V / 60 Hz	**F20110491**
OHS 200 Digital	230 V / 50-60 Hz	**F20100490**
OHS 200 Digital	115 V / 60 Hz	**F20110490**
OHS 60 Advance	230 V / 50-60 Hz	**F20100482**
OHS 60 Advance	115 V / 60 Hz	**F20110482**
OHS 100 Advance	230 V / 50-60 Hz	**F20100481**
OHS 100 Advance	115 V / 60 Hz	**F20110481**
OHS 200 Advance	230 V / 50-60 Hz	**F20100480**
OHS 200 Advance	115 V / 60 Hz	**F20110480**



TECHNICAL DATA

	OHS 20 Digital	OHS 40 Digital	OHS 60 Digital	OHS 100 Digital	OHS 200 Digital	OHS 60 Advance	OHS 100 Advance	OHS 200 Advance
DISPLAY	LED	LED	LED	LED	LED	Graphic TFT	Graphic TFT	Graphic TFT
DISPLAY SIZE	7 Digits	7 Digits	7 Digits	7 Digits	7 Digits	3.5”	3.5”	3.5”
USER INTERFACE	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
MOTOR	Brushless DC	Brushless DC	Brushless DC	Brushless DC	Brushless DC	Brushless DC	Brushless DC	Brushless DC
STIRRING VOLUME (H2O)	Up to 25 L	Up to 25 L	Up to 40 L	Up to 100 L	Up to 100 L	Up to 40 L	Up to 100 L	Up to 100 L
SPEED GEARS	1	1	1	1	2	1	1	2
MAX TORQUE (Ncm)	20	40	60	100	200	60	100	200
STIRRING SPEED RANGE	30-2000 rpm	30-2000 rpm	30-2000 rpm	30-1300 rpm	6-400 rpm 30-2000 rpm	30-2000 rpm	30-1300 rpm	6-400 rpm 30-2000 rpm
SPEED ACCURACY	1 rpm	1 rpm	1 rpm	1 rpm	1 rpm	1 rpm	1 rpm	1 rpm
SPEED CONTROL	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital
MAX VISCOSITY (mPa*s)	10.000	25.000	50.000	70.000	100.000	50.000	70.000	100.000
TORQUE COMPENSATION	SpeedServo™	SpeedServo™	SpeedServo™	SpeedServo™	SpeedServo™	SpeedServo™	SpeedServo™	SpeedServo™
CHUCK RANGE Ø	Up to 10 mm	Up to 10 mm	Up to 10 mm	Up to 10 mm	Up to 10 mm	Up to 10 mm	Up to 10 mm	Up to 10 mm
SAFETY VIBRATOR SENSOR	-	-	-	-	-	Yes	Yes	Yes
TIMER	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
METHODS	-	-	-	-	-	Yes	Yes	Yes
EXTERNAL PROBE CONNECTION	-	-	-	-	-	Pt 100	Pt 100	Pt 100
TEMPERATURE MEASURING RANGE	-	-	-	-	-	-10 to 350 °C	-10 to 350 °C	-10 to 350 °C
TEMPERATURE RESOLUTION	-	-	-	-	-	0.1 °C	0.1 °C	0.1 °C
INTERFACES	USB	USB	USB	USB	USB	USB / WiFi	USB / WiFi	USB / WiFi
DIMENSIONS (WxHxD)	90x285x235	90x285x235	90x285x235	90x285x235	90x315x235	90x285x235	90x285x235	90x315x235
WEIGHT (Kg)	4,1	4,1	4,1	4,1	4,6	4,1	4,1	4,6
PROTECTION CLASS DIN EN 60529	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54	IP 54

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

VELP Official Partner

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

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