

# DLS

## Advanced and High-Speed Overhead Stirrer

### Better Performance, Higher Resistance, Digital Display

- Soft start and intensive mixing at high speed, up to 2000 rpm
- Ideal for volumes up to 25 litres and medium viscosities, up to 25,000 mPa\*s
- Digital display, with continuous monitoring of speed, time and torque
- Extremely versatile, many stirring shafts available



VELP Scientifica powerful overhead stirrers can accomplish the **most demanding tasks** whilst providing soft start and intensive mixing.

The technopolymer structure ensures **optimum chemical resistance** and **enhanced handling**, preventing any possible rust and being extremely light. The **robust motor** ensures years of continuous operation, with no extra costs for maintenance.

**DLS** is an extremely performing overhead stirrer, suitable for **advanced requirements** in terms of volume (**25 litres**), viscosities (**25,000 mPa\*s**) and torque (**40 Ncm**).

The **settable speed** can be regulated at any time, up to **2000 rpm**.

In addition, DLS guides the user with an **extremely bright and easy to read display**.

DLS is also equipped with an electronic system that keeps the stirring speed constant, even when liquid viscosity changes (**counter-reaction**).

**Easy, quick set-up and slim casting**, with minimum requirements in terms of space on the bench. The **“easy chuck”** is extremely **intuitive** and **easy to close**, without the need of any tool.

## Features and Benefits

### Extremely Settable

**Speed** can be regulated at any time and **timer** ensures unattended operation as it can be set up to 999:59 minutes, with **automatic switch off**.

### Bright Display

All the most important parameters at a glance, including **speed set, real speed, torque** and **timer**.

### Resistant

All of our solutions have been accurately designed and manufactured for offering the **longest lifespan** available, even in the worst operating conditions.

### Safe

All the VELP Scientifica overhead stirrers work in accordance with the highest safety standard (**IP 40**). Equipped with **overload, overcurrent** and **overtemperature protection**.

### Flexible

Can accommodate many shafts with up to 10 mm diameter, with the **“easy chuck”**.

### Silent

Quiet operation ensured.

Technical Data	Description
Construction material:	technopolymer structure
Stirring speed:	up to 2000 rpm
Counter-reaction:	constant speed even when liquid viscosity changes
Stirring volume (H <sub>2</sub> O):	up to 25 liters
Maximum torque:	40 Ncm
Maximum viscosity:	25,000 mPa*s
Digital display:	real speed, set speed, time and torque monitoring
Chuck range:	1 - 10 mm
Protection:	overload, overcurrent, overtemperature
Safety standard CEI EN 60529:	IP40
Power:	120 W
Weight:	2,5 Kg (5,5 lb)
Dimensions (W x H x D) :	80x215x196 mm (3.1x8.5x7.7 in)
Ordering Information	Description
Code No	
F201A0155	DLS Overhead stirrer 80-260V/50-60Hz

Many stirring shafts available.

Stirring shafts must be chosen considering the power of the stirrer, the volume of the substances to be stirred and its viscosity.

Your authorized agent:

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



VELP Scientifica srl  
via Stazione 16  
20040 Usmate (Milano) Italy  
Tel +39 039 628811  
Fax +39 039 6288120  
inse@velp.it  
www.velp.com