COMPACT ELECTRIC AGITATED PRESSURE VESSELS 1L – 25L

STEL Series
Compact vacuum/pressure agitated vessels

The STEL series compact agitated pressure reservoirs are specifically designed to suit fluids requiring gentle stir or fast agitation. Made to work in both busy factories and research labs, the reservoirs can provide intermittent or constant agitation.

Vacuum / Pressure**: -0.5 to 6.9 bar**

Body materials: **ss316**

Available Capacities**: 1, 2, 5, 10, and 25 liters**

Range overview



1L 2L 10L

MAX. PRESSURES
-0.5 / 6.9 bar

CAPACITY RANGE
1L / 25 L

MOTOR - DRIVER
230V / 110V

SPEED
10 / 800 rpm

Features & Benefits

Electric agitation for gentle or fast mixing Intermittent or constant agitation. Stainless steel 316 construction
Suitable for factory and research-lab use.
Standard 1L, 2L, 5L, 10L and 25L architecture.
Material grade stainless steel 316

Special customer versions available on request.

Motor & Agitation

230 VAC motor speed controller
0.30 kW motor power
80 - 4000 rpm speed range
1.4 Nm torque

Technical data – Standard Pressure Reservoirs

Type	1000ML-STEL	2000ML-STEL	5000ML-STEL	1000CL-STEL	2500CL-STEL
Max. working pressure (psi/bar)	100/6.9	100/6.9	100/6.9	100/6.9	100/6.9
Capacity (Litres)	1	2	5	10	1
Weight (kg)	2.8	3.2	7.8	16	2.8
Power (kW)	0.03	0.03	0.03	0.30	0.30
Voltage (V)	230 AC	230 AC	230 AC	230 AC	230 AC
Minimum speed (rpm)	80	80	80	80	80
Maximum speed (rpm)	4000	4000	4000	4000	4000
Torque (Nm)	1.4	1.4	1.4	1.4	1.4

Stainless steel might be of Chinese origin

Subject to change without notice

MIXING PROPELLERS



Dual blade propellers
Standard blade paddle propellers for general use. Supplied with all ST-AG reservoirs.



Three blade propellers
Optional spiral propellers with twisted blades to achieve desired pitch.



Four blade propellers
Optional blade paddle propellers for general vortex mixing.



Anchor blade propellers
Optional anchor propellers. Stainless steel.

Alternative designs and shapes can be made to suit specific requirements. Contact us for details.

This product can operate both under vacuum and pressure at various temperatures, with various gases and fluids.

Care must be taken for cycling applications.

Refurbishment program available.

For more information, please contact us at info@sr-tek.com