



GENERAL SPECIFICATIONS

Plates:	Stainless Steel 303 (Standard)	316 (On Request)		
Body:	Acrylic (Standard)	Borosilicate glass		
Setup 1:	0-60psi (0-4bars) pressure regulator, gauge and PRV 6mm OD compression fitting			
Setup 2:	Vacuum Configuration (0 to -1bar) with Venturi Kit			
Volume:	0.5L	2L	5L	10L
Seals:	Viton O-ring	Viton flat seals		
Weight:	2.2kg	6.2kg	6.8kg	7.8kg

Air and fluid tubing not included as standard

Subject to change without notice

DETECTION

The clear tanks can be fitted with 3 levels of detection:

Low-Level Float Switch

(simple & cost efficient)

- 1/4" NPT Internal Pipe Plug 316SS
- 1" 1000PSIG 316SS Round Float
- 8.0mm OD 316SS Stem
- 300 Series Float Stops
- Switch Type: 50W SPST
- Max Switching Voltage: 250VDC
- Max Switching Current: 0.5A
- Max Temp.: 100°C
- Max Pressure: 1000PSIG

Induction level sensor

(for continuous level monitoring)

- Max Operating pressure: 16bars
- Max temperature: 80°C
- Operating voltage: 18 to 30VDC
- 2 outputs
- PNP electrical design
- I/O Link communication interface
- IP67
- LED Display
- Available for all models

Ultrasonic level sensor

(for no-contact detection)

Max Operating pressure: 7bars

- Max temperature: 70°C
- Operating voltage: 10 to 30V
- 1 output
- PNP electrical design
- I/O Link communication interface
- IP67
- Available for all models

**Ultrasonic sensor is only available for 10L vessel only*

AGITATION

The clear tanks can be fitted with 2 different types of Agitation:

Pneumatic Motor

- Min Speed: 30rpm
- Max Speed: 450rpm
- Speed underload: 235rpm
- Air consumption: 5.3L/s
- Torque: 10Nm
- Stainless steel construction
- Stainless steel shaft
- 6bars air pressure input

Electric Motor

- Min Speed: 40rpm
- Max Speed: 400rpm
- Power: 0.30kW
- Torque: 10Nm
- Stainless steel shaft
- Digital Controller with I/O
- 1m long interface cable
- IP66 Brushless DC motor

Mixing Element

- Stainless steel single blade & shaft
- Stainless steel dual blade & shaft
- Stainless steel anchor blade & shaft
- Acetal mixing element (for metal reacting materials)
- Custom design also possible on request

ACCESSORIES

The clear tanks come with a range of accessories:

Supplied with every tank

- Low cost pressure regulator
- Analogue gauge
- Brass safety pressure valve
- 6mm OD push-in air inlet
- 6mm OD compression fluid outlet
- Black PVC & Brass knobs

Additional Accessories

- 6mm OD polypropylene tubing
- 6mm OD PTFE tubing
- 6mm OD Stainless steel tubing
- Stainless steel shield with sight slot
- Stainless steel holding basket single
- Stainless steel holding basket dual
- Stainless steel housing with slot
- EPDM Seals
- Precision regulator
- Digital gauge
- Pressure sensor
- Stainless steel safety pressure valve
- Stainless steel 316 knobs
- Stainless steel 316 6mm fittings -
- Stainless steel 316 ball valves
- UKAS Calibration
- Air filter
- Fluid filter
- No return check valve
- Silencer
- Vacuum Kit
- For other accessories, please contact SR-TEK

For more information or any questions, please contact us at technical@sr-tek.com