



Flocculators

Flocculation is a technique used in water treatment, the process of flocculation is used to remove contaminants from waste water. The contaminants aggregate or clump together to form floc which either floats to the surface or sinks to the bottom. Stuart® offers two flocculators, one portable and one six position unit.

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- Page 10** - Six sample Flocculator
 - Two sample Flocculator



Flocculators

Flocculator, SW6

- Accepts six samples
- Digital indication of speed and time
- Two pre-set programs
- Built in illumination for easy viewing of samples

For flocculation (jar) tests on water and effluent samples. The SW6 accommodates up to six samples and is specially designed for repeatable conditions between samples and from run to run. A digital display clearly indicates the speed of the rotational stainless steel paddles, which can be varied from 25 to 250rpm. The digital timer can be set to count down from 1 to 99 minutes. After count down, the paddles stop and an alert sounds. The timer then counts up in minutes in order to measure settling time.

Two pre-set programs allow routine speed and time parameters to be input and then selected by simply pressing one button. Parameters are stored in the memory and can be recalled or altered at any time. The intuitive touch sensitive keypad is totally flat for easy cleaning. Sample monitoring is assisted by diffused base illumination and black background.

A simultaneous coagulant doser is available as an accessory.

Flocculator, SW5

A mini version of the SW6 that accepts two samples (without timer function). The case incorporates a handle for easy transportation.

Technical Specification

	SW5	SW6
No. of samples	2	6
Speed range	25 to 250rpm	25 to 250rpm
Timer	No	0 to 99 minutes
Pre-set programs	2	2
Controls keypad	Dial	Touch sensitive
Digital displays	LCD	LED
Dimensions, mm (w x d x h)	320 x 210 x 500	750 x 210 x 460
Net weight, kg	8.6	17
Power	230V, 50Hz, 100W	230V, 50Hz, 200W
IP Rating	31	31

Ordering Information

Model	Description
SW6	Flocculator with 6 rotators (without beakers)
SW5	Flocculator with 2 rotators (without beakers)
SW6/2	Simultaneous coagulant doser (SW6 only)



SW6



SW5