

FC4S Series flocculators

Analog flocculators with adjustable stirring speed

Independent positions for precise optimization of analysis conditions The FC S Series is designed for flexibility and precision in water treatment analysis, offering **independent control for each of its 4 or 6 positions**. Each stirring position can be set to a different speed, allowing users to test and **simulate different conditions simultaneously in one single instrument**. While maintaining the simplicity of an analog interface, the FC S Series gives users full control over speed selection for each position. This makes it **easy to tailor the stirring process to specific testing requirements**, ensuring accurate and repeatable conditions. **The illuminated back panel** enhances sample visibility during the flocculation process, allowing for **easy real-time monitoring across all independent positions**. **Designed for Ease of Use and Built to Last** FC S flocculators are designed for **user convenience** and **long-lasting durability**. The **ergonomic knobs** let the operator set selectable speeds (10-15-30-45-60-90-120-150-200-300 rpm) in each position. In addition, the **stainless-steel stirring rods** can be adjusted in height thanks to a self-blocking chuck that ensures **secure and reliable operation**. Powered by a robust **brushless motor**, FC S flocculators deliver precise and reproducible stirring speed, ensuring **consistent performance**. VELP's **SpeedServo™ torque compensation** technology further enhances control by maintaining a **constant speed, even when the viscosity of the sample changes**. The **corrosion-resistant materials** further ensure long-lasting durability, making the FC S Series an ideal solution for water treatment tests in any lab. **Tailored Solutions for Water and Wastewater Treatment Jar Testing** serves a key function in water treatment by simulation the coagulation and flocculation processes. This testing method enables operators to adjust chemical dosages with precision, leading to enhanced efficiency in plant performance. **Leaching tests** play a complementary role by examining how contaminants from solid materials can migrate into water sources. This analysis provides valuable insights into the environmental impact of waste materials, helping operators understand the potential risks associated with contaminants and their long-term effects on groundwater and surface water quality.



FC S Series offers a comprehensive solution for both Jar Testing and leaching analyses. These systems are designed to help users achieve optimal plant performance.

Available in two versions, 4 and 6 seats

Technical data

Construction material:	Epoxy painted metal structure
Motor:	Brushless
User Interface:	Analog
Models:	4 positions with settable individual speed for each rod
Lighting system:	Illuminated back panel
Stainless steel stirring rods:	Adjustable in height
Electronic speed control:	10-15-30-45-60-90-120-150-200-300 rpm
Power:	26 W
Dimensions (WxHxD):	655x404x296 mm (25.7x15.9x11.6 in)
Weight	12.5 kg (27.5 lb)

Code	Description	Number of Positions
V1105111	FC4S Series flocculators	4