

FCS Series flocculators

Analog flocculators with adjustable stirring speed

Digital Flocculators for Accurate Jar Testing and Leaching Tests

The JLT Series is specifically designed to deliver **efficient and reliable performance** for both **jar testing** and **leaching tests**. Available in 4- and 6-position models, these digital flocculators provide **precision and flexibility in water treatment analysis**.

Equipped with an intuitive digital interface, users can **easily adjust stirring speeds and timer** to set testing parameters precisely. With consistent speed and timing across all positions, repeatable conditions from sample to sample are ensured.

The **illuminated back panel** improves sample visibility during the flocculation process, making it **easier to monitor results in real time**. Additionally, thanks to the timer, the JLT series ensures consistency and repeatability during unattended operation, making it ideal for productivity-driven water treatment plants' labs.

User-Friendly Design and Durability JLT flocculators are **designed** for user **convenience** and **long-lasting durability**.

The high-visibility LED displays allow speed and time to be easily set up and monitored. 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, JLT flocculators deliver precise and reproducible stirring speeds from 10 to 300 rpm, 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**.

Using **corrosion-resistant materials** ensures durability and stirring quality across all test positions, making the JLT series a reliable solution for any lab.

Comprehensive Solutions for Water and Wastewater Treatment Plants

Jar Testing simulates coagulation and flocculation processes in water treatment, allowing operators to fine-tune chemical dosages for optimal plant performance. The **leaching test** is critical for assessing the environmental impact of solid materials by analyzing how contaminants migrate into water.

With the JLT Series, VELP offers a comprehensive solution that delivers reliable, accurate results across both types of analysis, ensuring improved water quality and environmental safety.

Available in two versions, 4 and 6 seats



Code	Description	Number of Positions
V1105108	JLT4 Series Flocculators	4
V1105109	JLT6 Series Flocculators	6