

# How the FCS Setup Connects

Getting started with FCS is simple — our Starter Kits bundle the key parts every system requires. Begin with a kit and build on it at your own pace.

## 3. Display Module (The Brain)

This is your touchscreen controller. You set fermentation profiles here (e.g. 'hold 20 °C for 3 days, then ramp to 5 °C'). It connects to the I/O Module via CAN Bus and over Wi-Fi for logging/cloud access.

## 2. I/O Module (The Hub)

Takes commands from the Display Module. Distributes power and data to all sensors and actuators. Acts as the 'junction box' for the whole system.

## 1. Sensors in the Fermenter

Connected to the I/O Module. Include temperature probe, pressure sensor, and optional density sensor. Constantly feed live data back to the I/O Module → Display Module.

## 4. Actuators / Outputs

Also connected to the I/O Module. Control devices such as cooling solenoids, heaters, or spunding valves. Activated automatically when sensor readings drift outside your set profile.