



# MANIFOLD

Complete with pressure, temperature and flow sensors installed on each circuit  
Pressure sensor installed on main inlet / return.



“ “  
Water flow - We always assumed we had great water flow through our molds. Once we got Flosense flow meters, we realized that was not the case. We installed a few units on problem jobs and found our flow was much less than what we thought it was. We discovered issues causing low flow like corroded lines, too many jumpers, and water lines that were way too long. Once we began to address these problems, our cycle times decreased and our quality began to improve. We were astonished to see how many cosmetic quality issues were related to the lack of consistent flow and temperature. We can't say enough about the Flosense product, and we're currently working to implement Flosense on all of our presses.

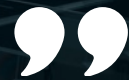
-Current Flosense Customer

Connect up to 4 manifolds to the touch screen in order to monitor up to 48 separate cooling circuits.



VNC - Our new facility is focused on streamlining our cells. Flosense allowed us to integrate the Flosense controller into our machine controller. The technician no longer must go to two separate screens to get flow data, they go straight to the machine controller. Flosense has made finding information easier.

-Current Flosense customer

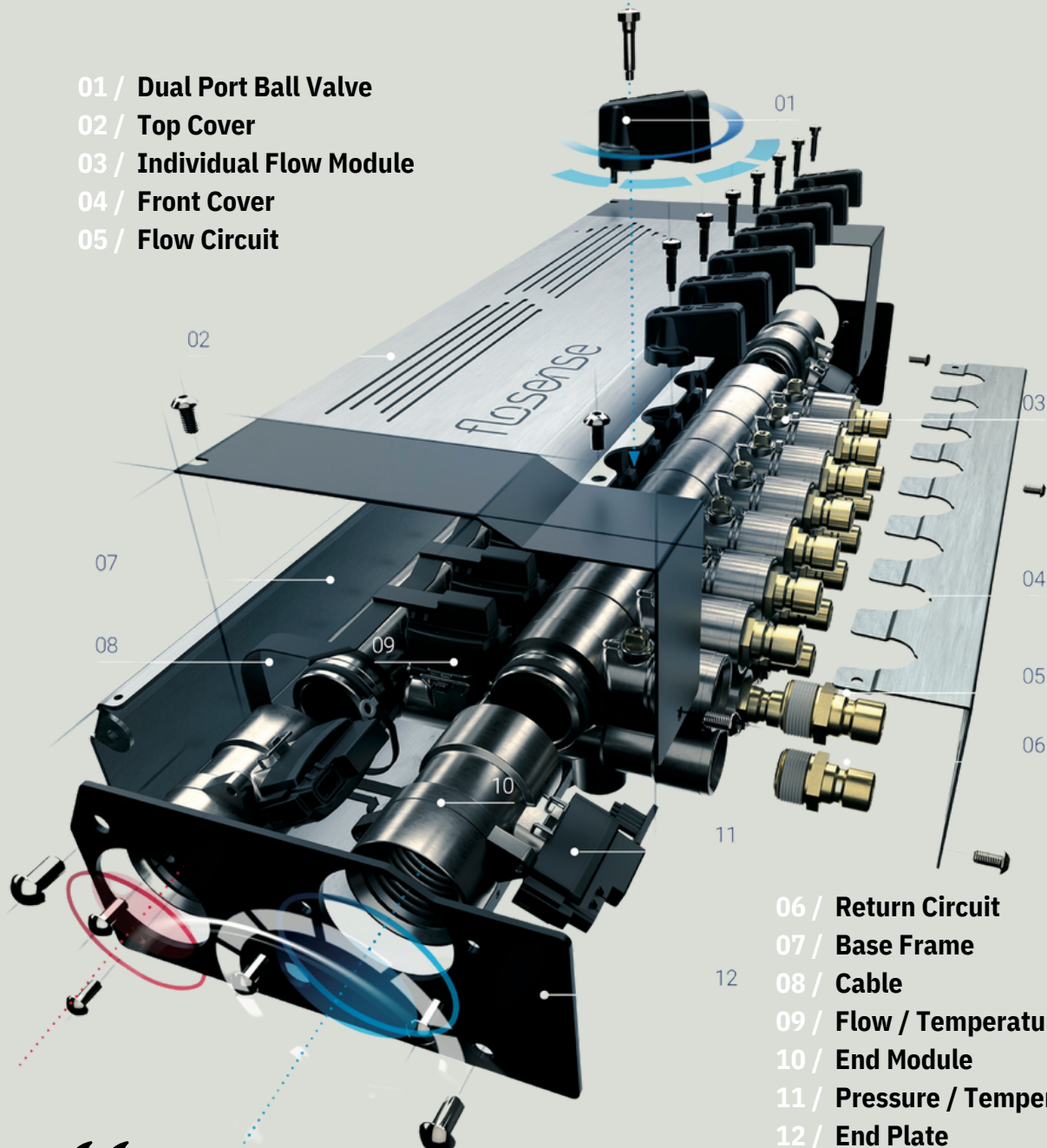


“ “ Shut down the press - We had a high scrap rate on one of our presses and traced our issue back to water. Flosense allowed us to monitor the water flow and temperature. What sold us on the product was that Flosense could shut down the press when water related parameters went out of tolerance. We can now address the issue and eliminate our excessive scrap problem.

-Current Flosense customer



- 01 / Dual Port Ball Valve
- 02 / Top Cover
- 03 / Individual Flow Module
- 04 / Front Cover
- 05 / Flow Circuit



- 06 / Return Circuit
- 07 / Base Frame
- 08 / Cable
- 09 / Flow / Temperature Sensor
- 10 / End Module
- 11 / Pressure / Temperature Sensor
- 12 / End Plate

Temperature Controller Issues – We ran two shifts of production only to realize the TCU was connected backwards. It was turned on, but no water was going through the mold. Our Flosense manifold now alarms on the machine controller when there is a problem.  
-Current Flosense customer

On Cycle Time - We demoed a Flosense unit on an existing job and assumed we had adequate water flow through the mold. With Flosense, we learned we had issues with flow through the mold. Once we corrected the issues, we were able to reduce our cycle time by 5%. The unit paid for itself in just 2 months.  
-Current Flosense customer

Installation - We were struggling to find skilled technical staff. As we began to train new employees in-house, we needed something to help our mold setters know the water was connected correctly. With Flosense, we set the parameters for good flow and temperature. If a water line was left off, reversed, or dead-headed, Flosense would detect the issues and not allow the press to start. It also lets the mold setter visually see where the issue is for quick correction. Flosense has reduced the number of set up related issues and downtimes for us – it's a great product.  
-Current Flosense Customer