

# Symbioz 4.0

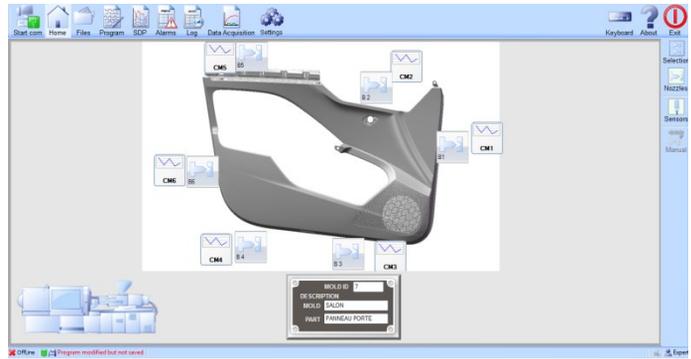
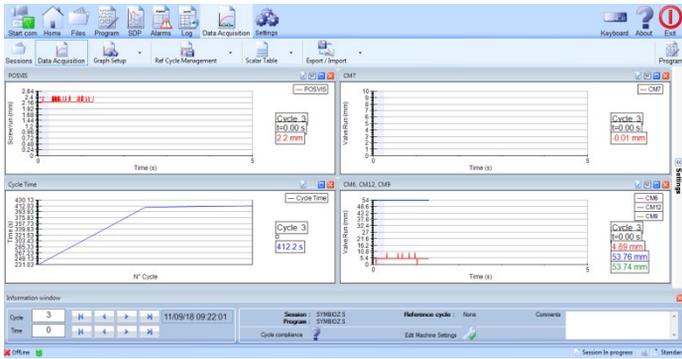
## FLOWDRIVER SEQUENTIAL CONTROLLER : SYMBIOZ 4.0

### PRODUCT HIGHLIGHTS

- ✔ INDUSTRY 4.0 SEQUENTIAL VALVE GATE CONTROLLER CAPABLE OF DRIVING FLOWDRIVER VALVES
  - ✔ ADVANCED SEQUENTIAL CONTROLLER WITH THE ABILITY TO DRIVE VALVE GATES BY TIME, SCREW POSITION AND MOLD SENSOR EVENTS
  - ✔ TWO WAY COMMUNICATION PROVIDES THE ABILITY TO TRIGGER MACHINE SWITCHOVER BY MOLD SENSOR EVENTS
  - ✔ UP TO 20 VALVE GATE CONTROL SIGNALS AVAILABLE
  - ✔ READS VALVE PIN POSITION SIGNALS
  - ✔ READS INJECTION MOLDING MACHINE SIGNALS (START OF INJECTION, SWITCHOVER, SCREW POSITION, DOSING SIGNAL)
  - ✔ READS MOLD SENSORS (PRESSURE AND TEMPERATURE SENSORS)
  - ✔ RECORDS COMPLETE CYCLE AND SENSOR INFORMATION FOR ENHANCED QUALITY AND PROBLEM DIAGNOSIS
  - ✔ INTUITIVE USER INTERFACE WITH WIN IS'TECH PSP SOFTWARE
  - ✔ MULTIVARIATE PROCESS MONITORING FOR AUTOMATED QUALITY CONTROL
  - ✔ REMOTE ACCESS AND CONTROL THROUGH PC CONNECTION (from outside the plant, including by RUNIPSYS)
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- ✔ **SYMBIOZ 4.0 CONTROLLER DRIVES THE LATEST FLOWDRIVER TECHNOLOGY**



INTUITIVE WIN IS'TECH FOR FLOWDRIVER SOFTWARE CONTROLS



Channel	Name	Parameters	Wait	Opening 1	Closing 1	Label6	Opening 2	Closing 2
1	EV1	Type : S2 Capteur : CM1	ON	CM1 - 5mm 3s	-	Top mainten - 0s	CM1 - 5mm 3s	-
2	EV2	Type : S1L Capteur : CM2	ON	CM2 - 5mm 3s	-	Top mainten - 0s	CM2 - 5mm 3s	-
3	EV3	Type : S1X Capteur : CM3	ON	CM3 - 5mm 3s	CM3 - 2mm 3s	CM3 - 0mm	CM3 - 5mm 3s	CM3 - 2mm 3s
4	EV4	Standard	ON	-	-	Top mainten - 0s	-	-
5	EV5	Standard	ON	-	-	Top mainten - 0s	-	-

SYMBIOZ 4.0 WITH FLOWDRIVER TECHNOLOGY

