

# CONTROL CHEMICAL DOSING

pH / Conductivity Controller providing either relay or proportional pulse outputs to drive chemical metering pumps. High and low alarm points, delay and limit timers, and other programmable features make the most adaptive pH / Conductivity controller available.

## Features at a glance :

- HMI with Soft Control into One Smart Unit
- PLC functionality - easy-to-use and cost efficient
- Complete HMI Functionality
- Log, Trend, Analyze and Profile Process Signals with HMI
- 16 Digital IO and 2 Analog Input (4-20mA)
- Logging data in excel file and backup database



## CONTROLLER

A cost-efficient solution for small application with display sizes in 4, 7 and 10 inches and expandable IO via serial Modbus RTU



## SENSORS

A cost-efficient solution for small to medium sized HMI applications, with display sizes in 4, 7 and 10 inches and communication with I/Os via serial Modbus RTU

## PUMPS

A cost-efficient solution for small to medium sized HMI applications, with display sizes in 4, 7 and 10 inches and communication with I/Os via serial Modbus RTU



## LOGGING DATA

For data collection and storage, data logger available which uses USB Flash in excel file.

Id	Time	RO	SLES	TEGO	GLUCOPO	PREMIX	BRINE	VISCOCITY	PH	SG	M	N	O	P	Q	R	S
1	6/23/2015 14:33	0	0	0	0	0	0	0	0	0							
2	6/23/2015 14:34	10	0	0	0	0	0	0	0	0							
3	6/23/2015 14:34	10	10	0	0	0	0	0	0	0							
4	6/23/2015 14:34	10	10	10	0	0	0	0	0	0							
5	6/23/2015 14:34	10	10	10	0	0	0	0	0	0							
6	6/23/2015 14:34	10	10	10	0	0	0	0	0	0							
7	6/23/2015 14:34	10	10	10	10	10	0	0	0	0							
8	6/23/2015 14:34	10	10	10	10	10	10	10	0	0							
9	6/23/2015 14:34	10	10	10	10	10	10	10	0	0							
10	6/23/2015 14:34	10	10	10	10	10	10	10	10	0							
11	6/23/2015 14:34	10	10	10	10	10	10	10	10	10							
12	6/23/2015 14:35	256	10	10	10	10	10	10	10	10							
13	6/23/2015 14:35	256	10	145	10	10	10	10	10	10							
14	6/23/2015 14:35	256	10	145	15	10	10	10	10	10							
15	6/23/2015 14:35	256	10	145	15	10	256	10	10	10							
16	6/23/2015 14:35	256	10	145	15	10	256	25	10	10							
17	6/23/2015 14:36	256	10	145	15	10	256	25	12	10							
18	6/23/2015 14:36	256	10	145	15	10	256	25	12	23							
19	6/23/2015 14:36	0	0	0	0	0	0	0	0	0							
20	6/23/2015 14:36	12	0	0	0	0	0	0	0	0							
21	6/23/2015 14:36	12	45	0	0	0	0	0	0	0							
22	6/23/2015 14:36	12	45	0	0	13	0	0	0	0							
23	6/23/2015 14:36	12	45	0	0	13	0	68	0	0							
24	6/23/2015 14:36	12	45	0	0	13	0	68	0	4							
25	6/23/2015 14:36	256	10	145	15	10	256	25	12	23							

### PT. Jakarta Process Automation

Phone : +6221-4707038

Fax : +6221-47860587

Office : Jl. Rawamangun Raya 1A, Jakarta Timur 13220, Indonesia

Email : [info@jpa-automation.com](mailto:info@jpa-automation.com)

Website : [www.jpa-automation.com](http://www.jpa-automation.com)

