

Wall Panel Series Panel Mounted Products

Wall Panel Series

The Wall Panel Series offers the ability to panel mount the OV-110, OV-1000, and CV-230 automatic feed rate control valves offered by Hydro Instruments.

- Wall panel mounting simplifies the installation process providing easy access to the equipment for operation and maintenance. Panel mounting minimizes the equipments footprint which conserves space and eliminates the use of cabinets.
- Every panel is constructed from the highest quality "high density polyethylene" plastic and schedule 80 PVC piping. Panels are available in standard sizing for the most common configurations. Custom panels are also available. The bypass piping and valve arrangements allows for simple manual feed control whenever maintenance or calibrations are needed on the control valve.





OV-110 and OV-1000 Control Options (all standard)

Manual Control Proportional (Flow) Control Set Point (Residual) Control Set Point (ORP) Control Compound Loop (PID) Control Step Feed Rate Control Dual Input Feed Forward Dual Set Point Control

Control modes are field selectable and can be changed at any time.

OV-110 and OV-1000 Highlighted Features

2 x 20 Character Liquid Crystal Display Modbus Communication (RS-485) 3 Analog Inputs (Flow, Residual and Remote Dosage) Adjustable: Dosage, Set Points, Lag Time, Signal Filters, Display Ranges, Alarms & More Linear Operation Eliminates Rotary Drive Gears & All Rotating Motion Broad Range of Chemicals & Capacities Two 4-20 mA Outputs Password Protected Settings External control of: Duty/Standby & Auto/Manual







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Custom Configurations and Options

Wall Panel Series 110 Omni-Valve Order Information

Model: WPOV-110	Α	В	С	D	Е	F	G	Н	Ι	J	K
Position Feature					Description						
A. VALVE BODY: SIZE AND MAXIMUM CAPACITY			1	1/2" NPT	1/2" NPT Valve Bodies (500 PPD / 10 Kg/h max. –						
						n 3" & 6" Flo					
				2	1" NPT	Valve Bodie	s (2000 pp	d / 40 Kg/h	max. –		
						12" Flow M					
				3		ket Valve B					
							/ 60 Kg/h F	Flow Meter	only and 1	.5" Bypass)	
B. GASTYPE				С	Chlorine						
				S		ioxide (SO ₂)				
				Other	Consult						
C. FLOW METER CAPACITY			1		(200 gr/hr)						
				2		500 gr/hr)					
				3	50 ppd (
				4		(2 kg/hr)					
				5		(5 kg/hr)					
				6		(10 kg/hr)					
				7		d (20 kg/hr)					
				8		d (40 kg/hr)					
				9		d (60 kg/hr)	12" tube				
D. POWER REQUIREMENT	1	120V 60									
				2	240V 50						
E. CONTROL CONFIGURA	TION			1	Flow Pa						
				2	Residua						
				3	ORP						
				4		Ind Loop (R					
				5		Ind Loop (C	NRP)				
				6	Step Fe						
				7		ut Feed Fo	rward				
F. POWER CABLE LENGT				8	Dual Se	t Point .5 m) stand	e vel				
F. POWER CABLE LENGT	п			1		onsult facto					
G. SIGNAL CABLE				1	None pr		ry)				
G. SIGNAL CABLE				2		length requ	irod (Add @1	EQ par fast a	f aabla)		
H. 4-20 mA OUTPUT				1	Not Inclu		ileu (Auu și	.50 per 1001 0	i cable)		
n. 4-20 IIIA OUTFOT				2	Included						
I. POWER LINE ISOLATOR				1		tandard)					
. FOWEN LINE ISOEATON	1			2	Included	,					
J. BYPASS PIPING ARRANGEMENT				1	None						
				2		uss (500 pp	1 / 10 ka/br	max)			
				3							
				4	1" Bypass (2000 ppd / 40 kg/hr max) 1.5" Bypass (3000 ppd / 60 kg/hr max)						
K. DIFFERENTIAL PRESSU	JRE REGUI	LATOR		1	None		-pu / 00 kg/	maxy			
				2		50 ppd (5 kg	ı/hr)				
				3		(10 kg/hr)	<i>pj</i>				
				4		d (40 kg/hr)	1				
			5		d (60 kg/hr)						





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