

Solenoid Driven Dosing Pumps

HC200 - pH/Rx



DESCRIPTION

Dosing pump with constant and proportional dosing.

- High flow rate
- Mechanic run adjustment (volume injection)
- Level probe compatible
- Power supply 220-230V 50/60Hz.
- Constant flow rate adjustment from 0-100%
- Alarm level
- Microprocessor technology, digital controls and display
- pH or redox (ORP) measure selectable from the programming mode
- Proportional dosing to the selected setpoint value
- Level probe input (low level probe & connector not included)
- IP65 protection

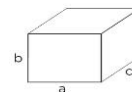
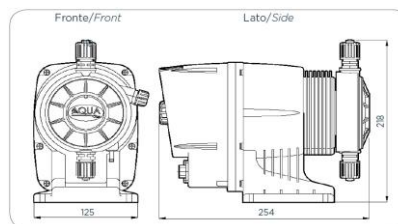
STANDARDS

- no. 2004/108/CE EMC directive
- no. 2006/95/CE "DBT Low Voltage Directive"
- no. 2011/65/UE, 2012/19/UE "RoHs and WEEE directives"

TECHNICAL FEATURES

HC200	Standard Version	Upon Request
Pump body	PP	PVDF/PVC automatic bleeding
Pump head	PP	-
Diaphragm	PTFE	-
Balls	PP	PTFE; ceramic
Body Valve	PP	PVDF
O-rings	Viton®	Dutral®
Spring loaded injection valve	Hastelloy/Pyrex	Hastelloy - PTFE/Hastelloy - ceramic
Injection fitting	PP	PVDF
Suction & air bleed tube	PVC	-
Delivery tube	PP	PTFE
Foot valve	PP	PVDF
Power supply	230v	-

DIMENSIONS



a x b x c: 375 x 350 x 620 mm:
Kg:19.20

HC200

Code	Model	Flow rate l/h	Pressure bar	No. of strokes spm	Injection volume ml/stroke	Power supply volt	Consumption watt	Tubing IDxOD	Pump Head	Price B
AD2300218	02-18	2	18	120	0.27	230	34	4x6	PP 3/8"	£604.32
		4	9		0.55					
		9	1		1.25					
AD2300418	04-18	4	18	120	0.55	230	34	4x6	PP 3/8"	£604.32
		6.8	9		0.94					
		12	1		1.66					
AD2300909	09-09	9	9	120	1.25	230	34	4x6	PP 3/8"	£604.32
		12	4.5		1.66					
		15	1		2.08					
AD2301504	15.03	15	3	120	2.08	230	34	4x6	PP 3/8"	£604.32
		16	1.5		2.22					
		18	1		2.5					

HC200 -pH/Rx Pump Installation Kits, Accessories & Spares



INSTALLATION KIT

Code	Description	Price	C
ADSP6000078	PE delivery tube 4x6mm 2m length	£2.90	
ADSP6000546	PVC suction/bleed hose 4x6mm 2m length	£2.04	
ADSP6000001	Foot valve filter PP-VL-VT 4x6	£12.13	
ADSP6200007	Injection valve ball ½" PP-GL-VT 4x6	£16.55	



ADSP6000078 ADSP6000546 ADSP6000001 ADSP6200007

ACCESSORIES & SPARE PARTS

Code	Description	Price	B
ADSLG	Level probe 2mt cable with foot filter bracket and hirshmann connector	£34.19	
ADSTF200	Vertical/wall mounting bracket	£27.57	



ADSLG ADSTF200

Code	Description	Overall Length mm	Adjustable Length mm	Connections	Tank Size (l)	Connector	Price	B
ADLASM20B0	Low level suction lance	490	120-390	4x6mm	30	HM	£102.47	
ADLASM10B0	Low level suction lance	700	120-600	4x6mm	50-100	HM	£103.95	
ADLASM30B0	Low level suction lance	940	120-840	4x6mm	200-300	HM	£109.23	



ADLASM

Code	Description	Flow rate lt/h	Pressure bar	Connection	Price	
ADSP6000058A	Pump head 2-15/ltr PP-GL-VT	2-15	20	4x6mm	£56.24	C
ADSP6000058P	Pump head 2-15/ltr PVDF-PTFE-VT	2-15	20	4x6mm	£99.25	C
ADSP6000136	HC 2-15ltr Automatic Bleed valve pump head	2-15	20	4x6mm	£113.46	C
ADSP6000136F	Above head fitted to ordered pump	2-15	20	4x6mm	£66.17	B



ADSP6000058A ADSP6000058P



ADSP6000136

Code	Description	Price	C
ADSPHC2_4_SPR	HC200/201/pH/RX PP-GL-VT Wet end spares kit	£60.13	
ADSP5005006	Delivery/Suction Valve (2 required)	£14.35	
ADSP5007001	suction delivery valve o rings (2 required)	£0.56	
ADSP6000414	Diaphragm	£28.67	
ADSP5007003	Diaphragm O ring	£1.66	



ADSP5005006 ADSP6000414

Code	Model	Cable length BNC	Press bar	Price	B
ADELTPH01	pH Electrode	1	5	£110.29	
ADELTPH05	pH Electrode	5	5	£120.22	
ADELTPH10	pH Electrode	10	5	£130.13	
ADELTRX01	Redox Electrode	1	5	£162.35	
ADELTRX05	Redox Electrode	5	5	£172.28	
ADELTRX10	Redox Electrode	10	5	£182.18	



ADELTPH ADELTRX

Code	Description	Model	Value	Price	B
ADSPH4	Buffer solution	pH	4	£8.68	
ADSPH7	Buffer solution	pH	7	£8.68	
ADSPH9	Buffer solution	pH	9	£8.68	
ADSRX	Buffer solution	Rx	475	£13.63	



BUFFER

Code	Model	Price	B
ADPSI05	Dip type probe holder for pH/redox electrodes 50cm long	£93.74	
ADPSI10	Dip type probe holder for pH/redox electrodes 100cm long	£105.87	
ADPSI15	Dip type probe holder for pH/redox electrodes 150cm long	£113.58	
ADPSI20	Dip type probe holder for pH/redox electrodes 200cm long	£122.42	
ADPSI30	Dip type probe holder for pH/redox electrodes 300cm long	£143.37	
ADPST	Threaded inline pH and redox electrode holder. 1/2" MBSP	16.12	



ADPST ADPSI