



INFIDOSE ▶▶

**PREMIUM QUALITY
INDUSTRIAL DOSING PUMP**

INFINITY



IDP MAXX



IDP MAXX^{PRO}



●●● **MADE**
○●○ **IN**
●●● **INDIA**

www.infinityequipments.com

SOLENOID DRIVEN METERING DOSING PUMP

- ▶ The IDP MAXX solenoid driven metering dosing pump is an advanced version of the traditional solenoid diaphragm mattering pump. It incorporates a microprocessor to enhance dosing management, providing precise and automated control over the dosing process.
- ▶ The IDP MAXX solenoid driven metering dosing pump’s external enclosure with an IP65 rating offers substantial protection against environmental factors, making it suitable for use in harsh and aggressive environments

DOSING MODEL

- ▶ IDP is basic series which is economical and easy analogue (knob) operated model.
- ▶ IDP + is advance series then IDP because of high accuracy digital display with level sensor and AUX output RLY for further automation.



IDP MAXX



IDP MAXX PRO

RELIABLE DIAPHRAGM PVDF

- ▶ The IDP MAXX solenoid dosing pump features a diaphragm made from PVDF (Polyvinyliden Fluoride). PVDF is a highly durable and chemically resistant material, making it ideal for various demanding applications.

SCOPE OF SUPPLY

- ▶ Chemical Mattering Pump
- ▶ 3 Meter Suction Discharge
- ▶ Suction Filter cum Foot Valve
- ▶ Injection Valve
- ▶ O & M Manual

APPLICATION



MINARAL WATER PLANTS



BEVERAGE INDUSTRY



LIQUID WASTE MANAGEMENT



PHARMA & CHEMICAL



PULP & PAPER INDUSTRY



SWIMMING POOL

TECHNICAL SPECIFICATION

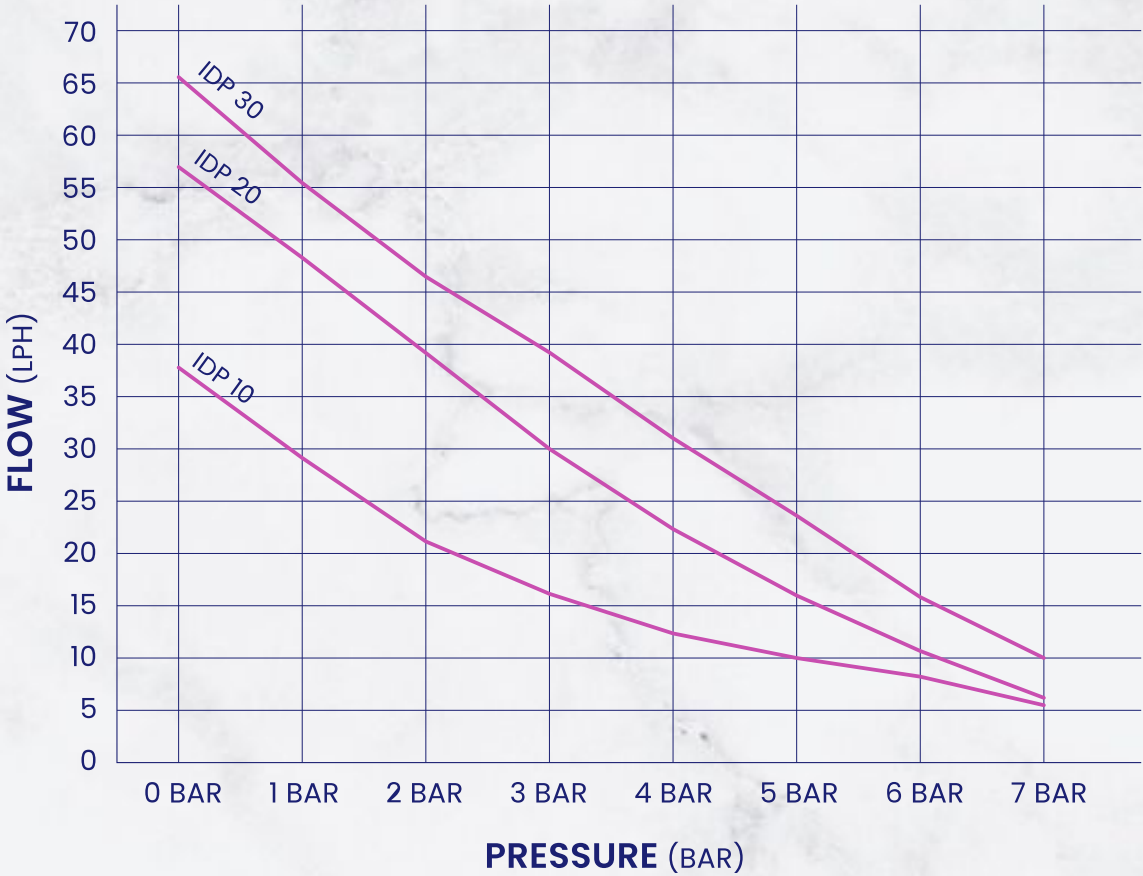


MODEL SERIES	IDP MAXX		IDP MAXX ^{PRO}	
OPERATING TYPE	With membraneswitch , High Accurate Digital Display		Low Level Sensor Dry Run Protection Aux Output For Further Automation. High Accurate Digital Display,	
MECHANICAL Dosing Capacity Max. Operating Pressure Max. Stoke Per Min.	O-60 LPH O-8 Bar O-250 SPM		O-60 LPH O-8 Bar O-250 SPM	
ELECTRICAL Voltage Length Of Main Cable Max. Power Consumption Electric Safety Class Pollution Degree Ingress Protection	V 230 50 HZ M 2 W 30 - 2 - 3 IP 65		V 230 (+/- 35%) 50 HZ M 2 W 30 - 2 - 3 IP 65	
SOUND Max. Sound Pressure Level	dB < 60		dB < 60	
MOC METAL PARTS Plunger Copper Insulation Class	SS 304 Class-H		SS 304 Class-H	
MOC WETTED PARTS	PP	Head, injection & foot valve : PP GF/N GF Tube : 6/9mm LDPE Seal : NBR Diaphragm : PTFE Solid	PP	Head, injection & foot valve : PP GF/N GF Tube : 6/9mm LDPE Seal : NBR Diaphragm : PTFE
	PVDF	Head, injection & foot valve : PVDF Tube : 6/9mm PVDF Seal : VITON Diaphragm : PVDF	PVDF	Head, injection & foot valve : PVDF Tube : 6/9mm PVDF Seal : VITON Diaphragm : PVDF
SOLUTION COMPATIBILITY	PP	To Dose Low And Average Concentrated Ph Solution.	PP	To Dose Low And Average Concentrated Ph Solution.
	PVDF	To Dose Highly Acidic Or Basic Concentrated Ph Solution.	PVDF	To Dose Highly Acidic Or Basic Concentrated Ph Solution.

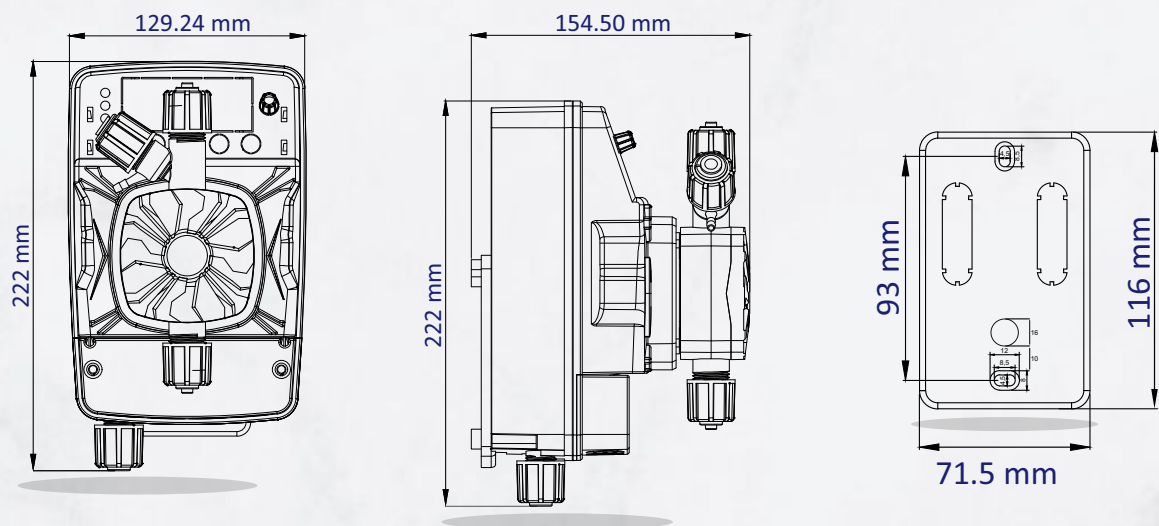
PERFORMANCE CHART

IDP MAXX	MODEL	INTELLIGENT CHEMICAL DOSING PUMP		
		IDP MAXX 10	IDP MAXX 20	IDP MAXX 30
		IDP MAXX 10 PVDF	IDP MAXX 20 PVDF	IDP MAXX 30 PVDF
		IDP MAXX PRO 10	IDP MAXX PRO 20	IDP MAXX PRO 30
		IDP MAXX PRO PVDF 10	IDP MAXX PRO PVDF 20	IDP MAXX PRO PVDF 30
FLOW RATE (LPH)*				
PRESSURE ΔP (BAR)	0 BAR	37 LPH	57 LPH	66 LPH
	1 BAR	29 LPH	48 LPH	56 LPH
	2 BAR	21 LPH	39 LPH	47 LPH
	3 BAR	16 LPH	30 LPH	39 LPH
	4 BAR	13 LPH	23 LPH	32 LPH
	5 BAR	10 LPH	17 LPH	24 LPH
	6 BAR	8 LPH	11 LPH	16 LPH
	7 BAR	6 LPH	7 LPH	10 LPH
STROKE PER MIN		82 SPM	160 SPM	230 SPM

FLOW CHART



G.A. DRAWING



INSTALLATION KIT

- ▶ The pump are supplied complete with the indispensable accessories for their correct installation as follows;



Suction tube
(PVC, 1.5m)



Delivery tube
(PE, 1.5m)



Injection valve



Foot vavle



Wall / Vertical
mounting bracket