

# X4 Dosing Pump Product Manual

A/2 version



Kamoer Fluid Tech (Shanghai) Co.,Ltd.

[www.kamoer.com](http://www.kamoer.com)

## Product introduction

X4 dosing pump is an intelligent dosing pump equipped with four micro-peristaltic pump heads and WIFI modules. It is mainly used to add various elements needed for the growth of marine life to aquarium regularly, quantitatively and accurately, such as calcium, magnesium, KH agent, trace element and so on. Through automated addition, X4 dosing pump greatly reduces the workload by manual and avoids missed addition, excessive addition, insufficient addition and other mistakes caused by manual addition.



## Application

- Aquarium feeding  
Include hard coral (SPS), soft coral (LPS), and polyculture coral (SPS/LPS).
- Plant feeding  
Used to supplement the different elements consumed during plant growth
- Other application  
Timely, quantitatively and non-continuously added applications

## Features

- Compact appearance, elegant, powerful
- Equipped with LCD screen and key, both stand-alone operation, and support iOS/Android app and windows PC client control dosing pump via WIFI
- Contains real-time clock, automatically run according to the setting parameters, the parameters are not lost in the case of power failure
- 1-24 dosing times a day can be set, support every other day, every two days and the specified week day dosing
- Support the flow rate calibration

- Standard Pharmed BPT® pump tube, long life, heat resistance, acid, ozone and UV rays, anti-aging and oxidation, no cytotoxicity and hemolysis
- Optional temperature and liquid level sensor to monitor temperature and level status
- Remote control can be achieved by access to kamoer aquarium cloud via kamoer intelligent controller

## Parameter

<b>Model</b>	X4
<b>Power adapter</b>	Input AC 100-240V 50-60Hz
	Output DC 12V 1.0A
<b>Dosing Precision</b>	<±2%
<b>Tube lifetime</b>	>2000 hours
<b>Dimensions</b>	250x150x75 mm
<b>Weight</b>	900g ( power not included )

## Packing List

No	Name	Model	Unit	Qty	Note
01	Main unit	X4	Unit	1	White
02	Pump head	KPP-B06	pc	4	2x4mm Pharmed BPT tube, 8 pcs 3/32 straight connector
03	Power adapter	<input type="checkbox"/> US <input type="checkbox"/> EU <input type="checkbox"/> UK <input type="checkbox"/> AUS	pc	1	12V , choice of plugs
04	PVC tube	3x5mm	m	4	
05	Plastic cylinder	10ml	pc	1	
06	Temperature sensor		pc	1	White waterproof
07	Sucker		pc	1	Used to fix temperature sensor
08	Tube rack		pc	1	Used to fix the outlet
09	Pump holder		pc	1	Used to suspend the pump

10	Pump bracket assembly		Set	1	
11	Quick connect instruction		pc	1	Provide the way to download software and view tutorial
12	Certificate		pc	1	