



# PRECISE, RELIABLE AND VERSATILE FLUID HANDLING

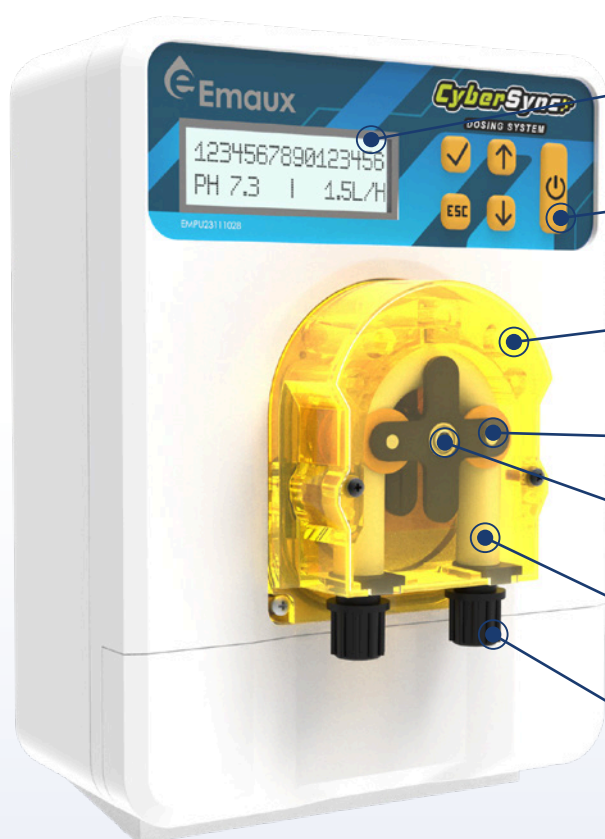
For measurement of the PH, Redox / ORP value

## **CyberSync** Dosing System



## ACCURATE AND RELIABLE

The Emaux "CyberSync" Peristaltic Dosing Pump series is indeed a groundbreaking addition to pool maintenance technology. Designed for swimming pools ranging from 30m<sup>3</sup> to 150m<sup>3</sup>, it offers three versions: Core-Pro, Core-Plus, and Core, with five different models to cater to various needs. Utilizing peristaltic technology, these pumps ensure precise and reliable dosing, keeping pools balanced and sanitized. The user-friendly control panel, chemical-resistant BTP tube, and durable shield enhance its dependability. Additionally, its wide voltage range (110V to 240V) simplifies installation across different electrical systems, making it an excellent choice for maintaining a crystal-clear pool.



**Dot matrix LCD display**

**User-friendly control panel**

**Chemical & UV resistant shield**

**Precision-Engineered POM rollers**

**Rotating module smooth dosing**

**Reliable BTP tube**

**PP tube holder**

CE CB SAA   IPX4 

### Technical Overview:

#### Chemical Concentration:

Liquid Chlorine up to 30%

Muriatic acid up to 40%

Sulfuric acid up to 40%

**Operating Voltage:** 110-240V 50/60Hz

**Max Dosing Rate:** 3 L/hour

**Consumption:** 20 watt

**Pressure:** 1.5 bar [ 22 psi]

**Strainer / injector Tube Size:** 4 x 6 (mm) tube

## Core-Pro Version



The Emaux CyberSync Core-Pro is an advanced peristaltic dosing pump designed for seamless automatic dosing. It integrates with Emaux pH or ORP probes, ensuring precise and comprehensive dosing automation. Additionally, it supports external connectivity for pump control, level probes, alarms, and other dosing pumps, offering a straightforward and complete automation solution for various dosing requirements. This makes it an excellent choice for maintaining optimal water quality with minimal manual intervention.

|                       |                           |
|-----------------------|---------------------------|
| Model:                | DP300-X                   |
| Display:              | LED (Dot Matrix)          |
| Depoly Probe:         | ORP or pH                 |
| External connection*: | Pump, Alarm, Level sensor |

\*Max power for external dosing pump: 50w

| Code    | Model       | Pressure bar [psi] | Max dosing rate L/hour | Measurable range  | Operating voltage v | Input power w |
|---------|-------------|--------------------|------------------------|-------------------|---------------------|---------------|
| 9130113 | DP300-X-ORP | 1.5 [22]           | 3                      | ORP: 300 to 900mV | 110-240             | 20            |
| 9130117 | DP300-X-PH  | 1.5 [22]           | 3                      | pH4 - pH10        | 110-240             | 20            |



## Core Version

|          |       |
|----------|-------|
| Model:   | DP300 |
| Display: | LED   |

The Emaux CyberSync Core is indeed a versatile dosing solution designed for ease of use. It allows users to effortlessly adjust the dosing rate, ensuring precise control over chemical levels.

| Code    | Model | Pressure bar [psi] | Max dosing rate L/hour | Operating voltage v | Input power w |
|---------|-------|--------------------|------------------------|---------------------|---------------|
| 9130116 | DP300 | 1.5 [22]           | 3                      | 110-240             | 20            |

## Core-Plus Version

The Emaux CyberSync Core-Plus is a fantastic solution for maintaining optimal pool chemistry! Its automatic dosing feature for ORP and pH control, along with the user-friendly LED display, makes it easy to monitor and adjust water quality in real-time. Whether you choose the ORP or pH version, this device ensures that your pool remains in perfect balance, providing a hassle-free experience for pool owners.



**Model:** DP300-ORP

**Display:** LED

**Probe:** ORP



**Model:** DP300-PH

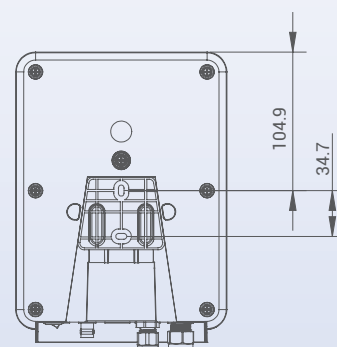
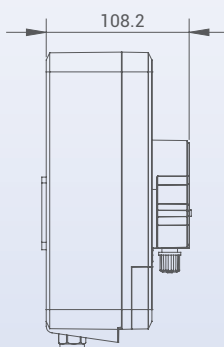
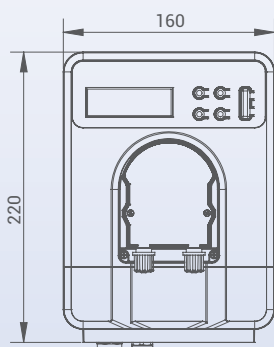
**Display:** LED

**Probe:** pH



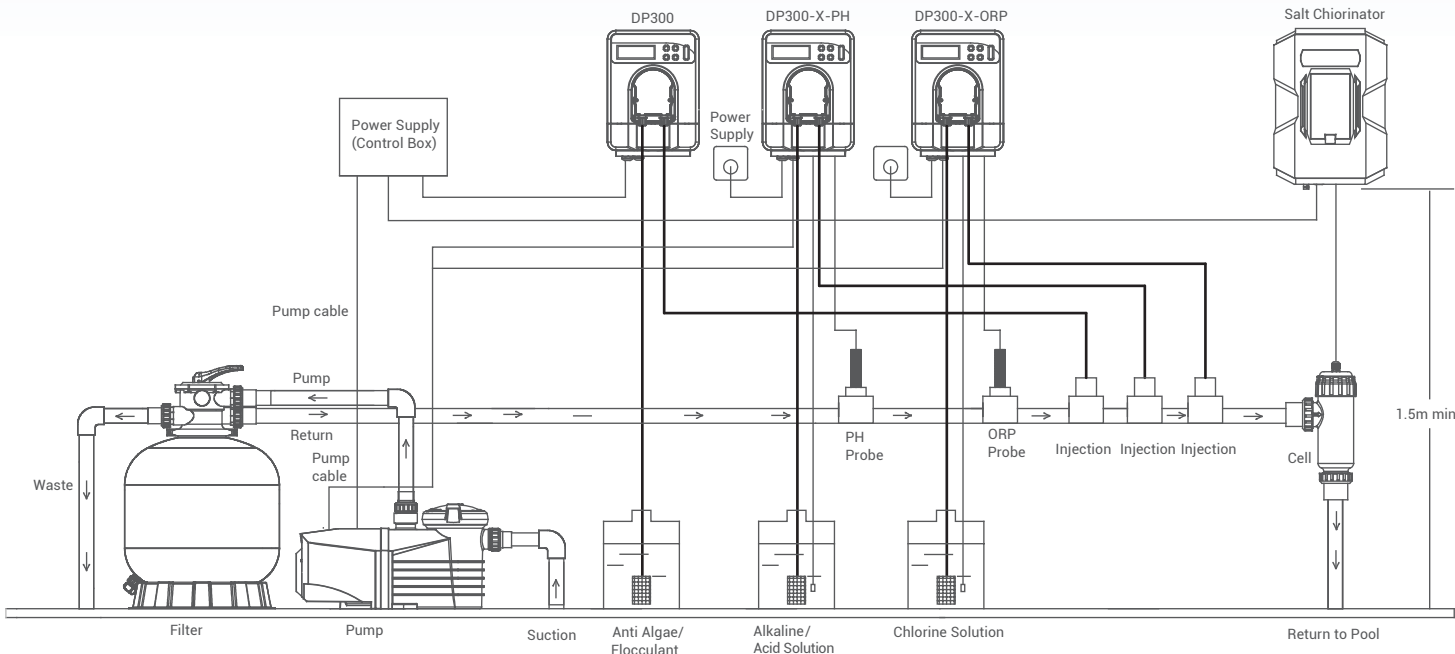
| Code    | Model     | Pressure bar [psi] | Max dosing rate L/hour | Measurable range  | Operating voltage v | Input power w |
|---------|-----------|--------------------|------------------------|-------------------|---------------------|---------------|
| 9130114 | DP300-ORP | 1.5 [22]           | 3                      | ORP: 300 to 900mV | 110-240             | 20            |
| 9130115 | DP300-PH  | 1.5 [22]           | 3                      | pH4 - pH10        | 110-240             | 20            |

### Product Dimensions





Installation Diagram



Probe and Accessories Specifications

| Code       | Product Name                         | Parameter                                                                                                                                            | Photo | DP300-X-ORP | DP300-X-PH | DP300-ORP | DP300-PH | DP300 |
|------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|------------|-----------|----------|-------|
| 106090074  | ORP probe                            | Pressure: 7 bar<br>Material: epoxy<br>Measuring range: -300 to 900mV (with 3m signal line)<br>Electrode diameter: 12mm                               |       |             |            |           |          |       |
| 106090073  | pH probe                             | Pressure: 7 bar<br>Material: epoxy<br>Measuring range: 0- 14 (with 3M signal line)<br>Electrode body diameter: 12mm                                  |       |             |            |           |          |       |
| 106090075  | Probe holder                         | ½" male thread                                                                                                                                       |       |             |            |           |          |       |
| 1090010392 | 256 buffer solution                  | 256mV, 30mL                                                                                                                                          |       |             |            |           |          |       |
| 109007168  | pH probe buffer solution pH4 and pH7 | pH 4.0 and pH 7.0, 30mL                                                                                                                              |       |             |            |           |          |       |
| 87990306   | Dosing pipe fitting                  | Pressure: 7 bar<br>PE Tube: 4x6 tube x 1 pc<br>PVC Tube: 4x6 tube x 1 pc<br>PVDF Injector: ½" male thread x 1 pc<br>PVDF strainer: with valve x 1 pc |       |             |            |           |          |       |
| 104130040  | Level probe                          | With 2m signal line                                                                                                                                  |       |             |            |           |          |       |
| 540200008  | Wall mount holder                    | With screw                                                                                                                                           |       |             |            |           |          |       |
| 534280     | 25L Dosing tank (Optional item)      | Size: 320 X 200 X 390mm                                                                                                                              |       |             |            |           |          |       |

# CyberSync

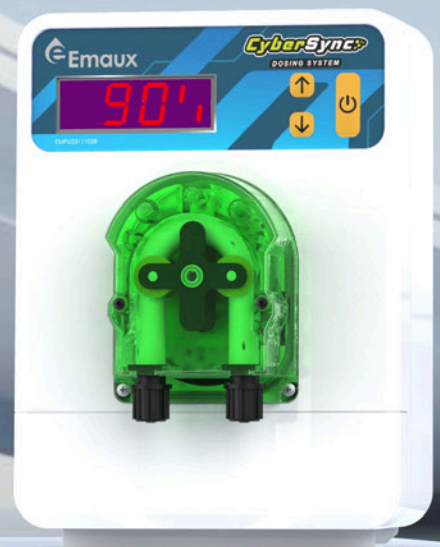
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FOR MEASUREMENT OF THE PH, REDOX / ORP VALUE



**Core-Pro Version**

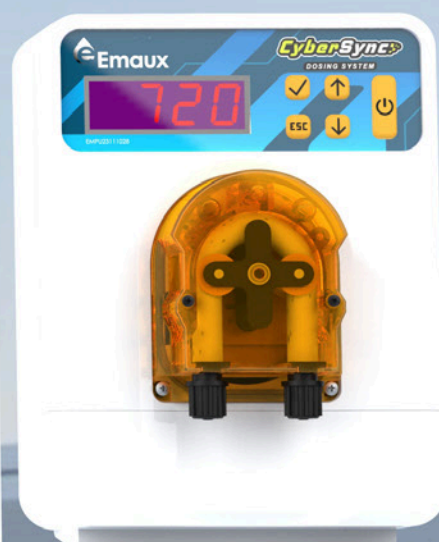
**Core Version**



## Product features:

- Easy installation and maintenance
- User-friendly interface and operation
- Precise and reliable pool chemical control
- Versatile model option
- Adjustable flow rate control

**Core-Plus pH Version**



**Core-Plus  
ORP Version**





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