EMAUX

SMART AI-DRIVEN POOL MANAGEMENT

powered by **tuya**

For modern residential pools

CyberSync
— Pool Station —

Emaux

|		
12:25		
🔥	40	g/hr
pH	7.4	pH
ORP	720	mV
	3500	ppm
🌡	25	°C
	UV	

NEXT-GEN UX DESIGN FOR ADVANCED POOL MANAGEMENT

The CyberSync Pool Station collects real-time swimming pool data, including pH, ORP, salinity, and temperature, while controlling a complete range of pool equipment such as pumps, chlorinators, lighting, heating, and more. It supports scheduling and automation for effortless maintenance.

CyberSync+
Cloud Automation

Monitor and control your pool system remotely via an internet connection

powered by
tuya
Smart Life App
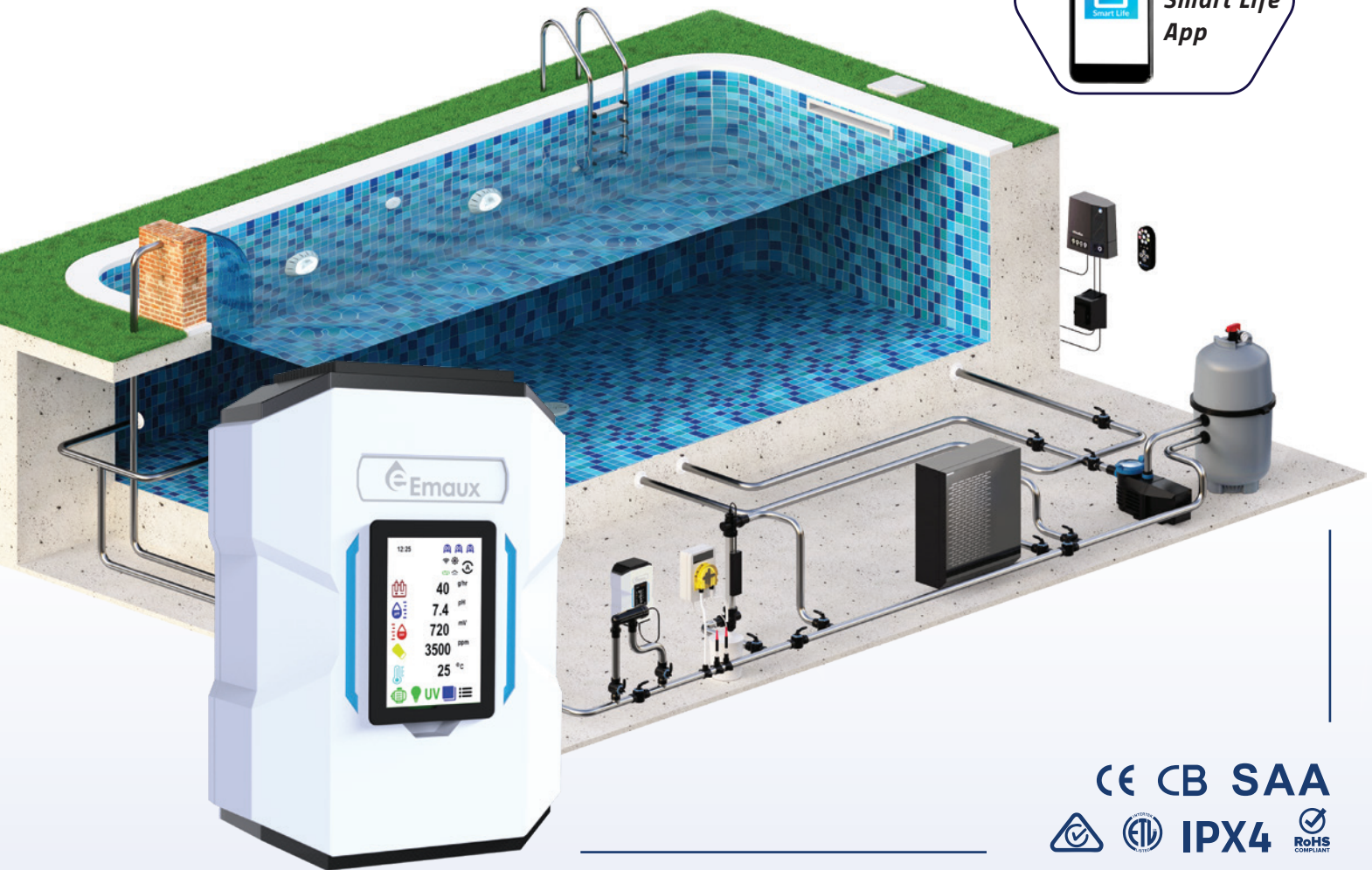
CE CB **SAA**
ETL **IPX4** RoHS COMPLIANT

The CyberSync automation system can fully control the following products:

| **Pump** | **Chemical Control** | **UV Light** | **Dosing** | **Light** | **Heater** |
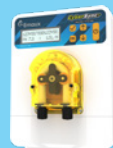
CyberSync
POOL STATION

SMART AI-DRIVEN POOL MANAGEMENT

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MASTERMIND STATION

Pure Chlorine Electrolysis

- ORP measure
- Pure chlorine gas
- pH measure & balance

Large 4.3" LCD Touch Screen

- Modern UX & UI
- Multi-Language
- Detachable

Multi-Device Control

- Pump
- Lighting
- Heating
- UV system
- Dosing
- Pool Cover

Real-time control

- Electrolysis
- Measure
- Dosing
- Switch
- Intelligent control
- Setting

Installation Diagram

Devices schedule control

Power

· Cold contact control x3
· Cold contact pump control x1

MCB

Pool light transformer

Pool light

Relay box

Hot contact control x3

For Pool Station Models only
· **pH probe**
· **ORP probe**
· **Salinity probe**
· **Temperature probe**

Injector

Cell

Flow switch

UV-C

Dosing Tank

From pool Inlet

Pump

Filter

To pool outlet
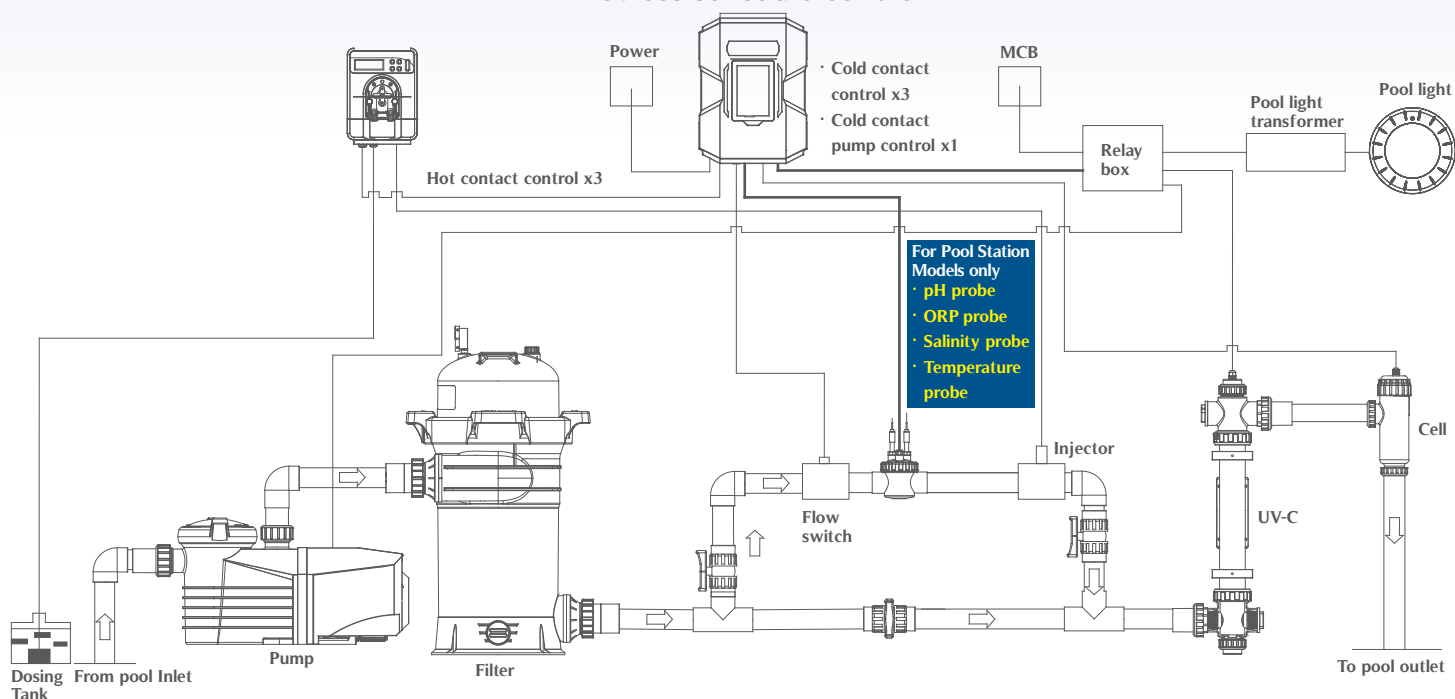
FUNCTION	SPECIFICATION
Display	4.3" LCD with Touch control
Cell type (chlorine production)	20 g/h , 30 g/h or 40 g/h
Measurement	pH, ORP, Salinity and Temperature
Devices schedule control	Hot contact x3 @50W: e.g. Dosing pump Cold contact x3: e.g. Lighting/ UV/ Heating Cold contact x1: Pump control
Pool cover detect	Detect connetion x 1
Wi-Fi	- 802.11 b/g/n - 2.4 GHz - STA mode supported
Modbus	RS485
Input	220V to 240V AC, 2A max (EU version) 110V to 120V AC, 4A max (US version)
Salt level	3000-5000 ppm
IP rating	IPX4

Product Information and Dimension:

Pool Station

221.70
140
136.40
320
127.60

Cell

433.62
203.21
Ø103
Ø118.43
144

Probe holder

225.90
96.90
129
Ø58.50
164
Ø44.50
Ø109.96
164
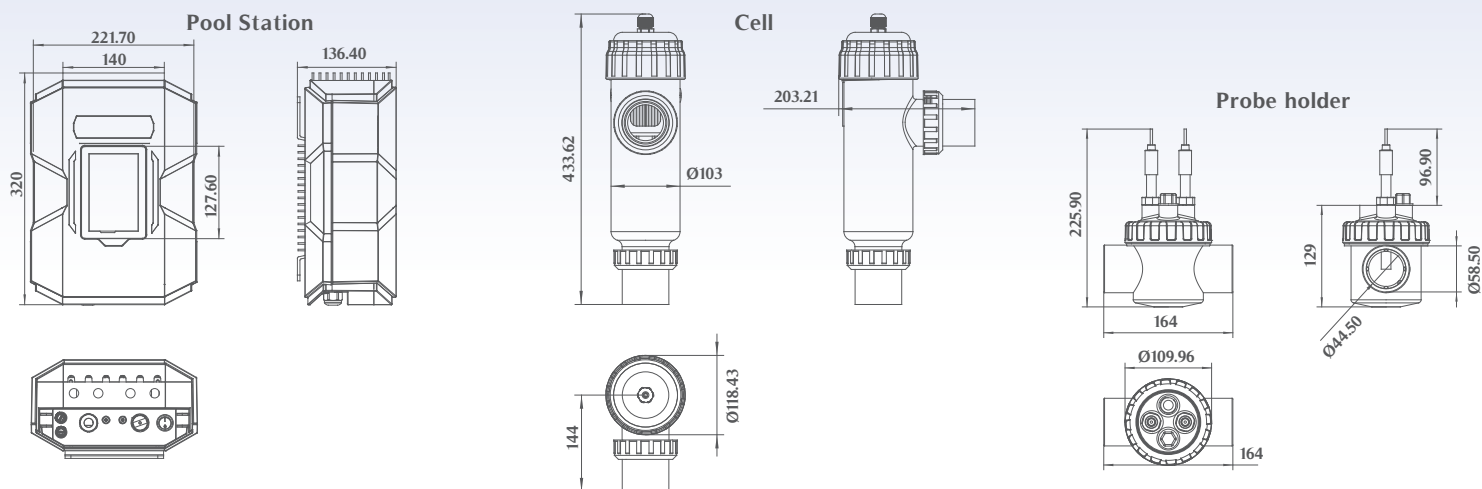
CyberSync Pool Station		Input Voltage/ Frequency (US Version)	Input Voltage/ Frequency (EU Version)	Cell Output (gram/h)	Concrete Pool (m³)	Max Consumption	Function
Code	Model						
9130601	CS-A20	110-120V 50/60 Hz	220-240V 50/60Hz	20	60	210W	Chlorinator, Meassurement, Devices schedule control, Pool cover, Flow switch, IoT APP
9130602	CS-A30	110-120V 50/60 Hz	220-240V 50/60 Hz	30	80	280W	
9130603	CS-A40	110-120V 50/60 Hz	220-240V 50/60 Hz	40	100	370W	

CyberSync Salt Chlorinator		Input Voltage/ Frequency (US Version)	Input Voltage/ Frequency (EU Version)	Cell Output (gram/h)	Concrete Pool (m³)	Max Consumption	Function
Code	Model						
9130052	CS-20	110-120V 50/60 Hz	220-240V 50/60Hz	20	60	210W	Chlorinator, Devices schedule control, Pool cover, Flow switch, IoT APP
9130053	CS-30	110-120V 50/60 Hz	220-240V 50/60 Hz	30	80	280W	
9130054	CS-40	110-120V 50/60 Hz	220-240V 50/60 Hz	40	100	370W	

Probe and Accessories Specifications

Code	Product Name	Parameter	Photo
106090074	ORP probe	Pressure: 7 bar Material: epoxy Measuring range: -300 to 900 mV (with 3 m signal line) Electrode diametaer: 12 mm	
106090073	pH probe	Pressure: 7 bar Material: epoxy Measuring range: pH 0-14 (with 3 m signal line) Electrode body diametaer: 12 mm	
178818	Salinity probe	Pressure: 7 bar Material: epoxy Measuring range: 1000 to 35000 ppm (with 3 m signal line) Electrode body diametaer: 12 mm	
178817	Temperature sensor	stainless steel wit 3 m cable	
1090010392	ORP buffer solution	256 mV, 30 mL	
109007168	pH buffer solution pH 4 and pH 7	pH 4.0 and pH 7.0, 30 mL	
E130078	Probe holder	PVC transparent	
114145332	Flow switch	Normal open	
620065469	Holder	PVC	

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