



# Autopool® Autopool® 4.0

- REMOTE ACCESS
- MULTI POOL
- STANDARD PRODUCTS
- BESPOKE PRODUCTS
- INTEGRATED VFD CONTROL
- SIMPLE OPERATOR INTERFACE
- SOPHISTICATED CONTROLS
- ONLINE ALKALINITY
- ADDITIONAL SENSORS AVAILABLE INCLUDING:
  - TURBIDITY
  - PARTICLE COUNTS
  - RESIDUAL CHARGE

## NEW!

- ONLINE ALKALINITY!
- NOW WITH MUTODRIVE®, INCLUDED FREE ON ALL AUTOPOOLS!

## PROCESS POOLS

Powered by  
**Pi**



**MADE IN THE UK**



**EST. 1998**



**ISO 9001 ✓**

**ISO 14001 ✓**

**ISO 45001 ✓**



**NEW WEBSITE  
LAUNCHED 2022**

[WWW.PROCESSPOOLS.COM](http://WWW.PROCESSPOOLS.COM)



**DEDICATED DIVISION  
'PROCESS POOLS'**



**DOUBLE QUEEN'S  
AWARD RECIPIENT  
2021**

# AutoPool® 4.0



## INTRODUCTION

In 2008 Process Instruments took its drinking water controllers, with drinking water quality sensors, and we made a high quality, low-cost pool controller.

Now 15 years later, having established the pool controller all over the world, Pi is launching the third version with a new pool division within Pi; Process Pools.

## PRODUCTS

Choose from six preconfigured models (see next page) or configure your own 'Autopool® Bespoke' system and 'Autopool® 4.0 Bespoke' from up to 20 different sensors or 100+ different configurations. Each of the Autopool® 4.0 models can be fitted with an online alkalinity option.

## SAVE MONEY WITH MUTODRIVE®

MutoDrive® is the control algorithm (included free with every AutoPool®) that optimises the recirculating pump dependant on bather load; saving on electricity, not just at night, but during the day when electricity costs are highest.

## CONTROL ALKALINITY

Control alkalinity in the pool automatically with the AlkaSense® online total alkalinity monitor. Use the specialist control algorithm to alter the CO<sub>2</sub>/acid dosing ratio to control both pH and alkalinity.





## AUTOPOOL® ORP

Includes: MutoDrive®, pH, temperature, ORP, and 2 control outputs via relays. Back-board mounted with filter and flow regulation.

AutoPool®



## AUTOPOOL® CHLORINE

Includes: MutoDrive®, pH, temperature, free chlorine and 2 control outputs via relays. Back-board mounted with filter and flow regulation.

AutoPool®



## AUTOPOOL® DUO

Includes: MutoDrive®, pH, temperature, free chlorine, ORP and 2 control outputs via relays. Back-board mounted with filter and flow regulation.

AutoPool®



## AUTOPOOL® 4.0 ORP

Includes: MutoDrive®, pH, temperature, ORP and 2 control outputs via relays, plus either LAN or GPRS Modem IoT Comms. Back-board mounted with filter and flow regulation. Optional online total alkalinity.

AutoPool® 4.0



## AUTOPOOL® 4.0 CHLORINE

Includes: MutoDrive®, pH, temperature, free chlorine and 2 control outputs via relays, plus either LAN or GPRS Modem IoT Comms. Back-board mounted with filter and flow regulation. Optional online total alkalinity.

AutoPool® 4.0



## AUTOPOOL® 4.0 DUO

Includes: MutoDrive®, pH, temperature, free chlorine, ORP and 2 control outputs via relays, plus either LAN or GPRS Modem IoT Comms. Back-board mounted with filter and flow. regulation. Optional online total alkalinity.

AutoPool® 4.0

## ONLINE ALKALINITY (OPTIONAL)

The online alkalinity analyser from Pi cleverly uses a conductivity sensor to identify the point when alkalinity is used up in a pool sample by adding an acid. Simple to set up and use, with minimal maintenance, the online alkalinity measurement is made every 10 minutes and can adjust acid dosing or the CO2 acid ratio to maintain an alkalinity setpoint.



EASE of USE



ENVIRONMENTALLY RESPONSIBLE



ENHANCED IoT CONNECTIVITY



LOW TOTAL COST of OWNERSHIP



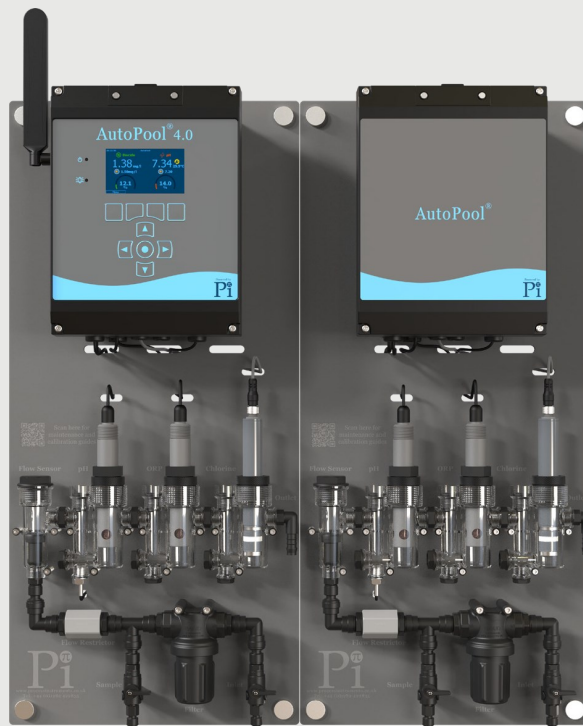
INDUSTRY LEADING SUPPORT



SOPHISTICATED CONTROLS



MUTODRIVE®  
INCLUDED WITH ALL  
AUTOPOOLS®



*AutoPool®4.0 Duo with additional pool*

## ENVIRONMENTALLY SOUND

- The best control uses the least chemicals
- Controlling the pool recirculation pump based on bather demand means much lower electricity usage with MutoDrive®
- Higher quality sensors means less sensor maintenance so less driving to the pool

## EASE of USE

- Simple installation in any pool or spa
- Everything an operator needs to do can be done from a single screen
- Pre-configured to suit most pools

## INDUSTRY LEADING SUPPORT

- Including a three year, no quibble warranty
- Online support on demand
- Bespoke installation manuals and video tutorials

## ENVIRONMENTALLY SOUND

- The AutoPool® controls include specific pool and spa controls for pH, chlorine, and alkalinity.
- The new alkalinity control feature is designed to provide control for acid only additions and also for CO<sub>2</sub>/acid blends whereby the ratio of CO<sub>2</sub> to acid is automatically adjusted to maintain the desired alkalinity levels of the pool.

## ENHANCED CONNECTIVITY

- World's first MQTT live data connection
- Industry leading cloud based pool controller reporting
- Connects to almost any Building Management System (BMS)

## LOW TOTAL COST of OWNERSHIP

- Low purchase cost
- Low maintenance cost
- Massive electricity savings







Scan here for  
maintenance and  
calibration guides

Flow Sensor

pH

ORP

Chlorine

Outlet

## RESELLERS

- ✓ Private label branding (no minimum order)
- ✓ Geographical exclusivity
- ✓ Product training
- ✓ Online support by email and telephone
- ✓ Free MutoDrive<sup>®</sup> with all AutoPools<sup>®</sup>

EMAIL: [sales@processpools.com](mailto:sales@processpools.com)

VISIT: [www.processpools.com](http://www.processpools.com)

CALL: +44 1282 422835

Powered by

Pi