High Quality-Low Cost

Part of a range of controllers, the CRONOS® is the little brother of the CRIUS®. The CRONOS® is a high quality, low cost transmitter designed to give water treatment engineers everything that they need from a transmitter and nothing that they don’t.

Superior Communications

With no frills, costs can be kept to a minimum whilst optional comms packages allow Profibus, Modbus ASCII, Modbus RTU, Modbus TCP, 4-20mA analogue outputs, and relays for alarms and control.

PID Control Options

CRONOS® has the capability to control up to two sensors of any type with appropriate analogue outputs and relays. Equipped with optional PID control CRONOS® is very able to control complex water treatment processes at a fraction of the cost of other controllers.

Proactive Sensor Maintenance

For each sensor the CRONOS® will prompt users through calibration procedures and will remind them when maintenance is due for each sensor type.

Customers requiring additional functionality such as a colour display, downloadable data logs, or remote access via the internet should consider a CRIUS® controller.
**CRONOS®**

**Power Requirements**

100-240 VAC/0.25 A or 12 VDC/0.8 A

**Languages**

Any non pictogram by request
Any Latin, Cyrillic, Hellenic

**Inputs**

Up to 2 configurable sensor inputs; 4-20mA, 4-20mA loop-powered, 0-2 VDC, +/- 1200 mV for pH, ORP, or ISEs, PT100, potentiometric, pulse and Modbus. Unused inputs can be used as outputs. Up to 8 digital inputs

**Outputs**

Up to 2 dedicated configurable analogue outputs; 0-20mA, 4-20mA, 0-1 VDC, 0-10 VDC, 1-10 VDC.

Up to 8 SPDT electromechanical relays rated 10A at 250 VAC and 5A at 30 VDC

**Alarms**

2 user configurable alarms with deadband and delay for each parameter and control output

**Thresholds**

2 user configurable thresholds (for control) with deadband and delay for each measurement and control output

**PID**

Configurable flow proportional PID - multiple loops

**Communication (Optional)**

Modbus ASCII/RTU (RS485)

Profibus DP

Modbus TCP (Ethernet)

**Memory Backup**

All user configuration is stored in non-volatile on-board flash memory

**Enclosure**

ABS flame retardant

IP65, Nema 4X

**Dimensions (mm)**

230 x 309 x 103

**Display**

4.3”, 480 x 272, 8 bit, greyscale (4.3”, 480 x 272, 24 bit colour optional)

**Weight**

2 kg

**Warranty**

12 months from date of purchase (longer warranty optional)

**Data Logging**

Internal - Single parameter data log or status message log over 1 million records (downloadable data logs optional)

*All subject to change without notice*