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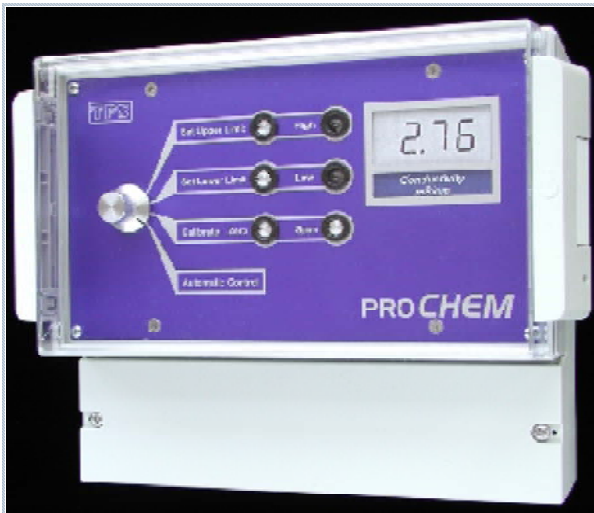
proCHEM-C



请使用翻译作用于这页底部以翻译页对汉语。

TPS Australia - Quality hand-made instruments since 1968.

proCHEM-C Conductivity Controller with Dual Set Points



[Full Size Picture](#)

- ◆ *Enclosure Waterproof to IP65*
- ◆ *Dual Set Point Control Relays*
- ◆ *Easy to Install*
- ◆ *Easy to Use*
- ◆ *4-20mA and 0-1 V DC Outputs*
- ◆ *Australian Made*

The **NEW proCHEM** Series controllers provide an economical answer to most process monitoring, control or recording requirements.

Dual Set Points are provided. The default setup for these are as "Too High" and "Too Low" control points. The user can also re-set them so that they are both "Too High" or both "Too

All **proCHEM** units are easy to install. They are housed in a rugged plastic case which is non corrosive, waterproof and dustproof to IP65. All controls can be accessed via the hinged, clear cover. The large LCD display is easy to read, even from a distance.

The **proCHEM** series is designed for maximum flexibility 4 to 20 mA and

Low" control points. An example of this type of setup is where the **proCHEM** unit has one point set to control the process, and a second point beyond that set to activate an alarm.

Separate LED's indicate when either of the Set Points has been exceeded. The output relays are rated to 240V and are fused at 2 Amps. Higher currents can be switched with an external contactor.

maximum accuracy. The 20 mA and 0 to 1 V DC outputs are provided as standard.

For a total solution to your control requirements, TPS also offers a peristaltic pump, the [easyFLOW-VS](#).

The **proCHEM** series is proudly designed and manufactured in Australia. The TPS Quality System has been certified in accordance with AS/NZS ISO9001 standards. Since 1968, TPS has built a reputation for excellent backup service that is second to none.

Specifications

Ranges

k=0.1 Sensor0 to 19.99	uS/cm
	0 to 199.9	uS/cm
	0 to 1999	uS/cm
k=1.0 Sensor0 to 199.9	uS/cm
	0 to 1999	uS/cm
	0 to 19.99	mS/cm
k=10 Sensor0 to 1999	uS/cm
	0 to 19.99	mS/cm
	0 to 199.9	mS/cm

Resolution

0.1% of full scale

Accuracy

+/-0.2% of full scale at 25 °C

Linearity

+/-0.05% of full scale

Repeatability

+/-0.05% of full scale

Ambient Drift

<0.02%/°C

Long Term Drift

<0.1% per year

Temperature Compensation

Automatic 0 to 100°C

Sensors

Platinised Platinum,
k=0.1, k=1.0 or k=10

Enclosure

Polycarbonate, waterproof to IP65

Display

12.5mm LCD

Outputs

Current : 4 to 20 mA
Voltage : 0 to 1 V DC
Contacts : Two relays with changeover contacts.
Rated to 240V, 1 Amp

Isolation

Galvanic isolation of sensor input

Current and voltage outputs are not isolated

Power

220/240 V AC, 50/60Hz, 2VA

12V DC power optional.

Dimensions

215 x 190 x 115 mm

Mass

proCHEM-C

Zero Range

+/-5%

Span Range

70 to 130%

Instrument only : Approx 900g
Full Kit : Approx 1.5kg

Instrument Operating Environment

Temperature : 0 to 45 °C
Humidity : 0 to 95% R.H

Ordering Information

Part No

5 metre bundle 112126/5:

proCHEM-Conductivity, 5m.....112126/5

5 metre Option Includes:

k=1 Cond-ATC sensor 5m, plastic.....112206

Conductivity standard to suit customer-specified range

Manual.....130050

Options and Accessories

Cable Extension:

Extended cable/metre.....130040

Instrument Options:

12V DC Power option.....130072

Sensor flow chamber: 1/2" BSP in/out ports.....111303

Same Price Interchange Option:

Choose between $k=0.1$, $k=1$ and $k=10$ Range Conductivity Sensors

k=10 Cond-ATC sensor 5m, plastic.....112207

k=0.1 Cond-ATC sensor 5m, plastic.....112205



[Download this Specification Sheet in PDF format.](#)



[Download the full colour proCHEM Series Brochure \(433 KB PDF\).](#)



[Download the handbook for this instrument.](#)

Hint : Right click on a link, then select "Save Target As..." or "Save Link As..." to save the file to your own computer.

If you do not have Adobe Acrobat in your computer, a free Acrobat Reader can be downloaded by clicking on the following link.

proCHEM-C



TPS reserves the right to change any part of this specification without notice.
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Aqua-C	WP-84	90-C	labCHEM-C
smartCHEM-C	microCHEM-Cond	miniCHEM-Cond	proCHEM-C
microCHEM-Salinity	miniCHEM-Salinity	proCHEM-S	

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