

Free active chlorine monitoring assembly BAMOCHLOR 192



- Electrochemical cell
- Self cleaning
- Flow adjustment
- Wetted parts are of PVC and PMMA
- pH electrode by insertion, permanently or not

PRINCIPLE

Those cells are designed for the survey or regulation of Chlorine in swimming pool or chlorination process.

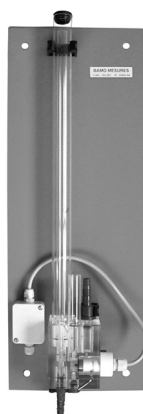
Water and process characteristics for measurement:

- Free of oil and grease.
- Constant pH between 6.5 and 8 pH.
- Constant Temperature with a maximum of 40°C.
- Constant Conductivity.

The reaction cell includes a Cu/Pt pair of electrodes. It delivers an electric current, proportional to the concentration of free active chlorine and then amplified by a transmitter. This basic measurement guarantees a high accuracy and perfect reproducibility. The electrodes are permanently cleaned with a continuous movement of small glass balls. The sampled water circulation creates the glass balls movement, adjustable with the integrated regulation valve.

SPECIFICATIONS

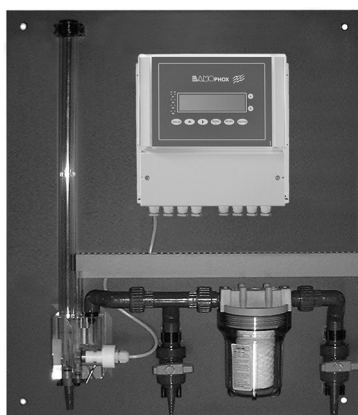
Principle:	electrochemical cell
Electrodes:	copper/ platinum
Range:	scalable up 5 ppm (5 mg/l)
Detection:	0,001 ppm
Self cleaning action:	glass balls
Required flow:	35 l/h - integrated valve
Pressure inlet:	maximum 5 bar
Pressure outlet:	atmospheric
Wetted parts:	PVC, PMMA, FPM
Process connections:	PVC nozzle, diam. 12/14 mm
Mass:	1 kg (without fittings)
Electric output:	cable, 5 wires 0.22 mm ² , connector



9283 basic model for free active chlorine monitoring

CODES AND DESIGNATIONS

Codes	Designations
By-pass assembly for free active chlorine monitoring:	
192 281	Basic model without fittings to process
192 295	Complete model, with fittings to process, including 192 601/ 192 286 / 192 287 / 192 288 / plus 1 shut-off and 1 sampling valve
Accessories and consumables for free active chlorine monitoring:	
192 600	Sachet of calibrated glass balls
192 287	5" filter holder
192 288	PP filter, 50µm, pack of 2 filters
192 286	Active charcoal filter (for 9500 l) pack of 2 filters
Spare parts:	
192 601	Probe with electrochemical cell
192 602	Electrochemical cell alone



Complete assembly, here equipped with a BAMOPHOX 192 (not included)

BAMOPHOX 192 informations are included in the file 192-02

BAMO MESURES

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FREE ACTIVE CHLORINE
MONITORING ASSEMBLY
BAMOCHLOR 192

pH

192-01/1