

# Microprocessor photometer for the detection of chlorine *CCM 182*

**Battery-powered transmitter for the detection  
of chlorine according to the DPD method  
and determination of other parameters**



## Application

- DPD measurement
- Calibration of chlorine determination with the transmitter  
Liquisys M CCM 223 / 253,  
or with the combined instrument  
PoolPac CCM 360

## Features and benefits

- Automatic zero adjustment
- Approx. 3 seconds measuring cycle
- Large digital display
- State-of-the-art SMD microprocessor technology
- Long-term constant LED
- Testing agents suitability
- Long-term stable reagent tablets
- Ergonomic mounting
- Complete with plastic case

## Measured parameters

- |                                 |                     |
|---------------------------------|---------------------|
| • Chlorine (free, bound, total) | 0,05 ... 6 mg/l     |
| • pH value                      | 6,5 ... 8,4         |
| • Cyanuric acid                 | 2,0 ... 160, 0 mg/l |

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## Technical data

<b>Measuring cycle</b>	approx. 3 seconds
<b>Display</b>	LCD display
<b>Optics</b>	temperature-compensated LED ( $\lambda_1= 555$ nm, filter 528 nm) and photosensor amplifier in protected measuring well arrangement
<b>Operation</b>	conditionally acid- and solvent-resistant polycarbonate membrane keypad
<b>Power supply</b>	9 Volt block battery, capacity 40 hours $\approx$ approx. 600 cycles (with an measuring cycle of 4 minutes)
<b>Sensitivity</b>	Chlorine: 0,01 mg/l pH value: 0,01 Cyanuric acid: 1,0 mg/l
<b>Dimensions (H x W x D)</b>	190 x 110 x 55 mm
<b>Humidity</b>	30 - 90 % rel. humidity
<b>Ambient temperature</b>	0 - 40 °C
<b>Mounting material</b>	ABS

## Accessories

• <b>DPD tablets No. 1</b> 100 pcs, for free chlorine	Order No. 50035461
• <b>DPD tablets No. 3</b> 100 pcs, for total chlorine	Order No. 50035462
• <b>Phenolred tablets</b> 100 pcs, for pH determination	Order No. 50085623
• <b>Cuvet for CCM 182</b> 3 pcs	Order No. 51507203

## Product structure

Analytical parameters	
0	Chlorine, pH, cyanuric acid
CCM 182-	Complete order code

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