CHLORIDEMETR

The Chloridemeter 50cl enables the concentration of chloride ions in microsamples to be quickly and precisely determined.

The instrument can be used in medical laboratory diagnostics for determining the chloride content in serum, urine and other body fluids. The results are displayed in mmol/l.

The measuring method is based on the idea of coulometric pulse titration.
Introduce the sample with the micro-pipette chloridemeter starts the titration immediately.

As soon as you get the result, you can inject the next sample.
The titration agent is pulse supplied into the solution during the controlled dissolution of a silver anode. The end point of titration is determined amperometrically by the indicator electrodes.
Due to the microprocessor control and highly stable electronic components the factory calibration is extremely stable and requires no corrections.

TECHNICAL DATA		SPECIFICATION	
Sample volume	50 µl	Chloridemeter	1 pcs
Measuring range	5-999 mmol / l	Measuring	1 pcs
Accuracy	±0.4mmol/l ± 0.4 % (CV)	Container 100 ml	1 bot
Repeatability	±0.5mmol/l ± 0.6 % (CV)	Titration cathode	1 pcs
Resolution	0,1mmol/l for 100 > c > 10 (mmol/l)	Indication electrodes	1 pcs
	1mmol/l for c > 100 (mmol/l)	assembly	
Measurement time	ok. 20 sec. (100 mmol/l)	Control solution	1 pcs
Dimenstions	20x20x27 cm	Basic solution	1 bot
Weight	ok. 4.5 kg	Stabilizing agent	10 amp
		User's manual	1 pcs

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