



**SKIDS DE  
CONDICIONAMENTO  
DE AMOSTRA**



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# Sodium analyser

con 2000 sodium A

**Analyser for  
determining  
Na<sup>+</sup> traces**



## Features and peculiarities

- Very precise measurement through the use of the following special measuring chain:  
**Ag/AgCl<sub>(s)</sub>, 3M KCl / Na glass membrane / measuring solution // 1000ppb Na<sup>+</sup> - alkalised - as reference solution / Na glass membrane / 3M KCl, AgCl<sub>(s)</sub> / Ag**
- Pre-amplifiers encapsulated in electrode head
- Medium delivered at a very precise flow rate by means of hose pump with stepping motor
- Automatic temperature compensation
- Compact housing for wall mounting, dimensions: 650 x 440 x 260 W x H x D
- Measuring range 0.1 ..... 10 000ppb
- Acrylic flow-through type electrode holder for accommodating the Na<sup>+</sup> and pH measuring chain
- pH-controlled alkalising by means of rocking armature membrane pump
- Automatic two-point calibration
- Mixed-bed exchanger for deionising the sample
- Metallically separated signal outputs
- Error message in case of slope errors and medium shortage

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## Technical data

Display:	4-line LCD display
Measuring principle:	Differential measuring of two ion-sensitive Na electrodes
Measuring range:	0.1...10 000 ppb
Input resistance(Na):	> 10 <sup>9</sup> Ohm
Calibration:	Automatic two-point calibration through the addition of stock solution to the deionised sample flow
Alkalisig:	Rocking armature membrane pump, pH-controlled with undiluted diisopropylamine
Temperature measurement:	Pt 100
Relay output:	Message: - Slope error - Water shortage
Current outputs:	3 x 0/4-20 mA, metallically separated
Max. load:	400 Ohm
Registration range:	Freely selectable within measuring range
Interface:	RS 485
EMC:	Conforming to DIN EN 50081-1 and 50081-2
Accuracy:	± 3 %
Ambient temperature:	max. 40°C
Supply voltage:	220...240 VAC; 50/60 Hz; 30 VA
Housing:	H x W x D 650 x 430 x 260 mm
Weight :	ca. 9 kg
Supply connection:	Pipe 6x1
Discharge connection:	Pipe 20x2
Sample quantity:	5-20 l/h
Sample temperature:	max. 40°C

Specifications subject to change without notice.