

CH/80114

# **Chairs and stools**

Laboratory chairs and stools, Polyurethane, can be cleaned to clean room standard as well as the general laboratory environment, adjustable height.

Cat. No.	Description
CH/80112	Laboratory high chair with backrest and footrest, seat adjustable 55 to 80cm
CH/80114	Laboratory low chair with backrest, seat adjustable 43 to 56cm
CH/80116	Laboratory high stool with footrest, seat adjustable 60 to 85cm
CH/80118	Laboratory low stool, seat adjustable 40 to 58cm

## Chloride meter

## Chloride analyser, model 926 Mk 3



Designed for the determination of Chloride ions based on a coulometric titration

wherein the reagent (Silver Ions) is precisely and quantitatively generated by passing a constant current between electrodes. This is performed at the time of analysis and the end point is determined when excess Silver Ions cause a change in conductivity. This change is identified by the detector electrodes. The accuracy of the method used is directly affected by the volume of the sample dispensed by the pipette. A fixed volume;  $500\mu$ l for Model 926, and either  $100\mu$ l or  $20\mu$ l for model 926S, is pipetted into the buffer solution. A further 6 samples from the 926, and 19 from the 926s may be added into the buffer before the instrument prompts a reagent change. Key application areas:

### Industrial model 926

Designed for the detection of salt and salinity in industrial processes where they represent serious contamination. The coulometric method provides a sensitivity enabling ppm ranges to be read in boiler feed water. In addition it is ideal for polymer washes, borehole slurries as well as soil salinity studies.

Intended for general laboratory use, the 926 is calibrated in ppm (mg/l) Chloride. The Select button offers the immediate conversion of Chloride content into mg, % Salt (Sodium Chloride) of the original sample, assuming a ratio of 1g of sample to 100ml diluent.

#### Clinical model 926S

Designed for Chloride measurement in biological samples and calibrated in mmol/l. Raised Chloride concentration in the sweat of young children is a Cystic Fibrosis indicator, original samples as little as  $20\mu$ l from all types of sweat generators are sufficient diagnose the condition. The Select button offers the immediate switches between sample volumes of  $20\mu$ l or  $100\mu$ l.

Technical Specifications			
Model	926	926S	
Application	Industrial	Clinical	
Units	mg/l	mmol/l	
Sample size	500µl	100µl or 20µl	
Readout range	10-999 mg/l		
	2-165mg, % Salt	10-299 mmol/l	
Accuracy	$\pm 3$ mg/l at the 200 mg/l level	Results would be within one	
		Standard deviation of the mean	
		values of recognised QC schemes	
		i.e. within $\pm 2.2$ mmol/1 di the 100	
Papraducibility	CV < 1% for 20 raplicate equation	CV 100 ul accepto < 1% 20 ul	
Reproducibility	@ 200 mg/l (oxcluding	$cv = 100\mu sumple < 1.6 20\mu$	
	pipetting errors	sumple < 1.3%	
Measurement time	36 seconds to 200 mg/l	26 seconds to 100 mmol/l	
Voltage (Mains $100 - 240V \sim 50 - 60 Hz = 0.64$			
adapter input)	100 - 2407 , 50 - 501	12, 0.0/	
Dimensions	315 x 200 x 250mm		
Net weight	1 9Kg		
Items supplied	Printer cable 9 way RS232, buffer	Printer cable 9 way RS232, buffer	
with unit	(500ml), 200Ma/l standard	(500ml), 100 mmol/l standard	
	(100ml), 1 pack of anodes, 1 pack	(100ml), 1 pack of anodes, 1 pack	
	of electrodes, 2 marked beakers,	of electrodes, 2 marked beakers,	
	Silver electrode polish, stirrer,	Silver electrode polish, stirrer,	
	operator manual, universal mains	operator manual, universal mains	
	adapter and USB lead A(M) - B(M)	adapter and USB lead A(M) - B(M)	



CM/35002