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# Deluxe Photo Colorimeter (Inbuilt Battery)

## Product Image

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## Description

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Catalog No. : 100151

Deluxe Photo Colorimeter (Inbuilt Battery) - Model 112

## TECHNICAL SPECIFICATIONS

✓ RANGE		
<b>General Range</b>	<b>Serum Range</b>	<b>Urine Range</b>
ppm	meq/l	meq/l
Na : 0-100	0-200 meq/l, 1:100 dil.	0-250 meq/l, 1:100 dil.
K : 0-100	0-10 meq/l, 1:100 dil.	0-100 meq/l, 1:100 dil.
Ca : 0-100	0-10 meq/l, 1:2 dil.	
Li : 0-100	0-2 meq/l, 1:5 dil.	-
Ba : 30-3000	(all meq values are claimed with appropriate dilution)	
✓ SENSITIVITY	General Mode : Na: 0.5 ppm, K: 0.5 ppm, Li: 0.5 ppm, Ca:15 ppm Ba: 30ppm	
✓ FILTERS	Na & K Supplied (Ca, Li & Ba are optional at extra cost) {Ba can be factory fitted only}	
✓ RESOLUTION	0,1 ppm / 0,1 meq,	
✓ REPRODUCIBILITY	< 1% coefficient of variation for 20 consecutive samples using 10 ppm Na set as Maximum Standard up to 3% CV for 20 consecutive samples of Concentrations between 50 to 199 ppm for Barium.	
✓ LINEARITY	< 2% error when 3 ppm Na/K and 5 ppm Li are set as Maximum Std.	
✓ CURVE FIT ACCURACY	± 2% of FS	
✓ DISPLAY	128 x 64 Graphical LCD	
✓ AVERAGE TIME	In-built in Software	
✓ FLAME SYSTEM	LPG & Dry Oil Free Air	
✓ DETECTOR	Photodiode	
✓ CALIBRATION	with up to 25 Standards of user choice with curve fitting software (5 for each Element). Multiple Calibration Curves can be stored in the memory	
✓ GAS CONTROL	Adjustable with knob	
✓ FLAME FAILURE	Auto Detection	
✓ GAS CUTOFF	Automatic	
✓ IGNITION SYSTEM	Auto Ignition	
✓ AUTOMISER	Axial Flow Type	
✓ DIMENSIONS	Instrument : 365 x 245 x 220 mm Approx. (LxBxH)	
✓ PRINTER	Provision for attachment of Dot-Matrix Printer with centronics parallel interface	
✓ PC INTERFACE	USB	
✓ WEIGHT	Main Unit : 8 Kg. (Approx.)	
✓ POWER SUPPLY	230 V AC ± 10%, 50 Hz	

## Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.