

## Technical Specifications

Tests on line	Up to 99
Programmable tests	100 photometric, 3 ISE, 3 serum index, 20 calculated
Throughput, test per hour	400 photometric + 400 ISE
Measuring methods	End point, fixed time and kinetic
Sample loading	Up to 75 sample containers in the tray
Sample container	Primary tubes and cups
Sample volume	From 2 to 40 µL (step 1 µL)
Reagent dispensing	Direct pick-up method
Number of reagents on board	Up to 96, refrigerated
Reagent containers	10, 20, 25, 50 and 100 mL bottles
Reagent volume	From 20 to 400 µL (step 5 µL) for reagents 1, 2, 3 and 4
Total volume of reaction	From 180 to 400 µL
Reaction cuvettes	81 permanent Pyrex® glass, 5 mm optical pathlength
Reaction time and photometric readings	9.6 min, 33 data points (up to 2-reagent tests) - 21.8 min, 74 data points (up to 4-reagent tests)
Photometric system	Direct photometry, stationary photometric unit, rotating cuvettes
Available wavelengths	12 wavelengths ranging from 340 to 850 nm, holographic gating and photodiode array
Signal output	Bi-directional RS-232 interface integral to the system
ISE channels	Sodium, Potassium, Chloride
ISE measuring technique	Indirect potentiometry, sample dilution ratio 1 : 21.7
ISE electrodes	Single channel, maintenance free
ISE calibration	Automatic internal periodic calibration
<b>Installation Requirements</b>	
Power requirement	120 - 230 V ± 10 %, 50/60 Hz, 2 KVA
Power consumption	1.6 KVA
Ambient temperature/humidity	15 - 30 °C, 45 - 85 % RH non condensing
Dimensions / Weight	98 W x 76 D x 118 H cm / 300 Kg
Purified water supply inlet	Max 24 Litres/hour, 0.5 to 3.5 kg/cm <sup>2</sup> of pressure

## Worldwide Locations

**Instrumentation Laboratory  
Corporate Headquarters**  
Barcelona, Spain  
Tel. +34-93-4010101

**US, Canada, Latin America  
Headquarters**  
Lexington, MA, U.S.A.  
Tel. +1-781-861-0710

**Mexico**  
Col. Granada  
Tel. +52-55-5262-1760

**USA**  
Lexington, MA  
Tel. +1-781-861-0710

**Pacific Headquarters**  
Minato-ku, Tokyo, Japan  
Tel. +81-3-3437-6350

**Hong Kong**  
Hong Kong  
Tel. +852-27927773

**Japan**  
Minato-ku, Tokyo  
Tel. +81-3-3437-6350

**Europe, Middle East,  
Africa Headquarters**  
Milano, Italy  
Tel. +39-02-25221

**Austria**  
Wien  
Tel. +43-1-2565800-0

**Belgium**  
Zaventem  
Tel. +32-2-7252052

**Czech**  
Praha  
Tel. +420-2-7816047

**France**  
Paris  
Tel. +33-1-53338600

**Germany**  
Kirchheim bei München  
Tel. +49-89-909070

**Hungary**  
Budapest  
Tel. +36-1-4392910 or 11

**Italy**  
Milano  
Tel. +39-02-25221

**Lithuania**  
Kaunas  
Tel. +370-37-313157

**Poland**  
Warszawa  
Tel. +48-22-3361800

**Russia**  
Moscow  
Tel. +7 495 9823723

**The Netherlands**  
Breda  
Tel. +31-76-5480100

**United Kingdom**  
Warrington, Cheshire  
Tel. +44-1925-81-0141

## Instrumentation Laboratory on the Internet: [www.ilhw.com](http://www.ilhw.com)

Applications/tests listed may not yet be approved by the regulatory authorities in your country.  
Please contact the appropriate office above for specific information regarding availability in your country.  
IL product specifications are subject to modification to assure the highest quality performance.  
Some of the IL sites may still be in the process of completing ISO.

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