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ISO 9001
Quality Management System



ISO 13485
Quality Management System

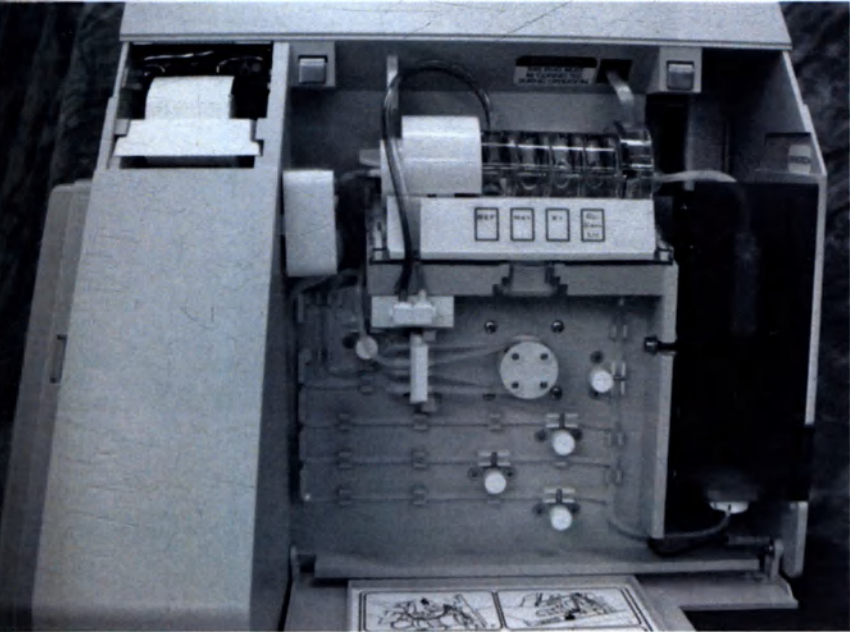
orLyte construction overview

Lyte is compact electrolyte analyzer. Its simple and easy-to-handle construction is described below.

General overview with front cover on



General overview with front cover off

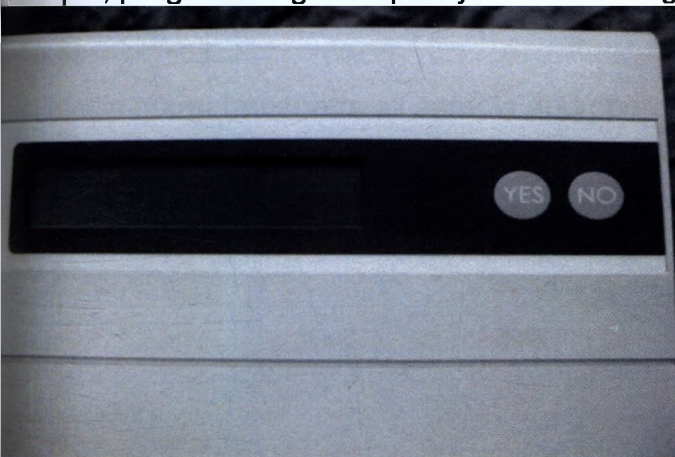


the analyzer display is a two line, alphanumeric read-out which allows up to 16 characters per line, displaying the activities of the analyzer, sample results and other system information

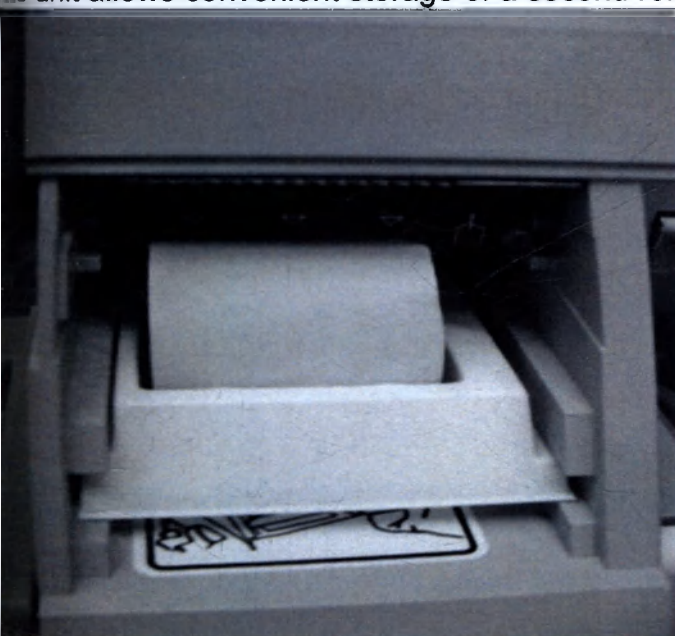
H-READY

Na-K-Cl

keypad with the YES and NO keys all analyzer functions, including: sample measurement, data input, programming and quality control testing can be performed.



The thermal printer uses heat-sensitive paper to output information in 16 columns. The analyzer will print measured values, calibration values, electrode voltages, and amount of liquid remaining in the ISE Pack as well as cleaning, maintenance, and error information. The unit allows convenient storage of a second roll of paper in the rear of the paper tray.



The measuring chamber consists of the movable left locking device, the electrodes, sample sensor connector, and the measuring chamber base.



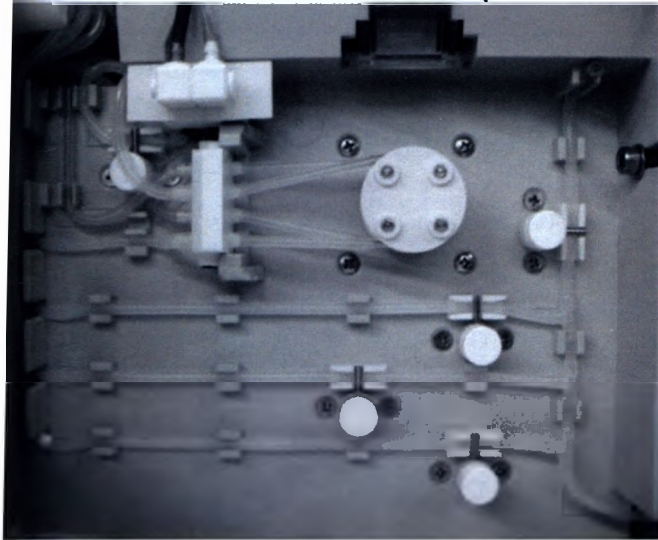
A peristaltic pump transports all sample and operating fluids inside the instrument.



The sample probe and cover. The sample probe mechanism is located behind the sample door at the front of the unit.



ves control the movement of the liquid within the analyzer.



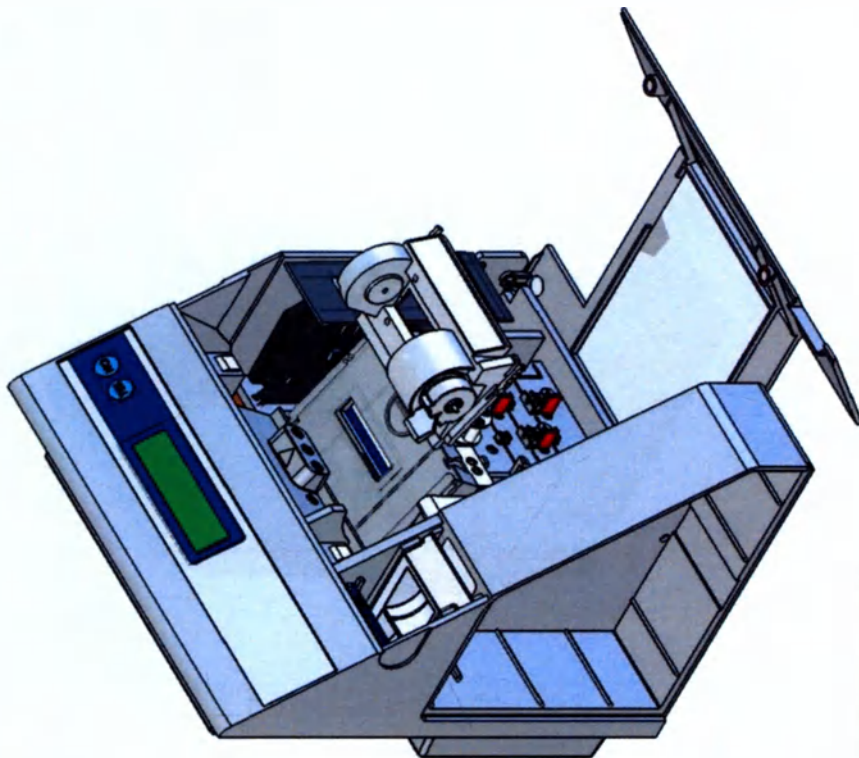
the self-contained ISE PACK is constructed to ensure that waste cannot spill out of the package.



the rear panel of the unit contains a serial number plate, as well as the power switch/power receptacle module and an RS232 interface port.



Assembly Drawing



45	CN-4092	Door Window	1
47	CN-4086	Shield Insulating	1
46	CN-3111	1/2" Ground Label	2
45	CN-4108	M3 x 8 nut	1
44	CN-4115	General Warning Label	1
43	CN-4113	Sample Sensor Connection Label	1
42	CN-4093	Tubing Diagram Label	1
41	CN-4096	Door Magnet	2
40	CN-4002	Drop-Down Door	1
39	*AV-BP51930	Pinch Tubing Kit, AVL 9100C	1
38	CN-4073	Copper Conductive Tape 1"	2.00"
37	CN-4074	Copper Conductive Tape 2"	5.00"
36	CN-4072	Copper Conductive Tape 1/2"	6.00"
35	*CN-A4011	Electrode Tray Subassembly	1
34	CN-4021	Tray, 6E Electrode	1
33	CN-4126	Language Setting Label	1
32	CN-4083	Tab, Dual Ground Post	0.5
31	CN-4121	Angle Mounting Post	3
30	CN-4017	Pinch Valve Retainer	5
29	CN-4099	M3 x 4 mm Flat Head Philips Screw	10
28	CN-4136	External Tooth Washer	1
27	CN-4149	M3 x 10mm Oval Head Philips Screw	1
26	CN-4082	Single Right Angle Tab	1
25	CN-4098	M3 x 8mm Oval Head Philips Screw	4
24	CN-4070	Printer Paper Tray	1
23	*CN-A4019	Power Supply	1
22	CN-4157	SMARTVITE TOUCH PAD LABEL	1
21	*CN-A4020	Printer	1
20	CN-4071	Printer Paper Tear Bar	1
19	CN-4122	Plastic Washer	8
18	*CN-A4016	CPU Board	1
17	CN-4129	M4 x 8mm Flat Head Philips Screw	13
16	CN-4125	0.107 ID x 0.638" OD Washer	1
15	*CN-A4017	Video Board	1
14	*CN-A4018	Valve Board	1
13	CN-4018	Clip-on Fluid Flow Indicator	5
12	CN-4078	Electrode Tray Window	1
11	CN-4079	Electrode Mating Sleeve	4
10	CN-4097	Magnet Latching Tab	2
9	CN-4123	0.107 ID x 0.350" OD Washer	3
8	CN-4103	M4 x 16mm Socket Cap Screw	6
7	*CN-A4010	Aspiration Assembly	1
6	*CN-A4014	Pier Pump Rotor Sub-Assembly	1
5	CN-4016	Crimp Pin Cradle	5
4	CN-4155	Crimp Pin	5
3	*CN-A4015	Valve Solenoid	5
2	*CN-A4012	Pneumatic Pump	1
1	CN-4000	Cass. Front	1

ITEM NO.	PART NUMBER	DESCRIPTION	Default/Qty.
57	CN-4156	Power Supply Fuse Label	1
56	CN-1124	Loctite 414	0.75g
55	CN-4137	Wire Tie, 4"	1
54	CN-4117	Black Hook-up Wire	10.00"
53	CN-4095	Serial Number Label	1
52	CN-4081	Female Quick, Large	1
51	CN-4090	Female Quick, Small	1
50	CN-3076	Thread Locker Blue	0.10g
49	CN-1987	Loctite 406	0.75g

* Parts available for purchase

