KEY FEATURES

- Fully Automatic, Random Access Clinical Chemistry Analyser with direct reading system.
- System having throughput of 100 Tests/hour.
- Reusable cuvettes with efficient on-board laundry.
- STAT facility available for all sample positions.
- Excellent On-board refrigeration for reagents.
- Efficient water consumption.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Assay Model</th>
<th>Random access with direct reading system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Method</td>
<td>End point, Kinetic, Fixed time, Immunoturbidimetric, 1-2 reagent, Multistandard, reagent/serum blank.</td>
</tr>
<tr>
<td>Assay Item</td>
<td>36 assay</td>
</tr>
<tr>
<td>Throughput</td>
<td>90 Tests/hr</td>
</tr>
<tr>
<td>Sample Position</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Including standard, control and stat; either serum cup or primary tube available</td>
</tr>
<tr>
<td>Sample Volume</td>
<td>1-100 µl, 0.1 µl/ step</td>
</tr>
<tr>
<td>Reagent Position</td>
<td>36</td>
</tr>
<tr>
<td>Reagent Volume</td>
<td>R1: 1-400 µl, 1 µl/ step, R2: 1-400 µl, 1 µl/step</td>
</tr>
<tr>
<td>Reagent/ Sample Probe</td>
<td>With liquid level sensor, collision sensor, Teflon coating and automatic washing station</td>
</tr>
<tr>
<td>Reaction Time</td>
<td>0-999 seconds</td>
</tr>
<tr>
<td>Cuvette</td>
<td>60 reaction cuvettes (High quality UV-transmitted plastic cuvette)</td>
</tr>
<tr>
<td>Cuvette Washing</td>
<td>2 Times washing</td>
</tr>
<tr>
<td>Probe and Mixer Washing</td>
<td>Independent washing station for each sample/reagent probe and mixer</td>
</tr>
<tr>
<td>Alarm</td>
<td>Automatic alarm for malfunction (eg: collision, reagent/sample insufficiency, full waste container, etc)</td>
</tr>
</tbody>
</table>
### Calibration
- Linear, Non-linear, Multi standard, K factor

### Sample Dilution/ Retest
Sample can be diluted and retested if results are out of range or sample in insufficient. Also with calibrator auto diluting function

### Wavelength
- 340-800nm

### Light Source
- Halogen lamp

### Absorbance Resolution
- 0.0001A

### Absorbance Accuracy
- ±0.0003A (0-2.5A)

### Repeatability (CV %)
- <= 2%

### Quality Control
- Levy Jennings quality control program at 3 levels

### Bar Code
- Optional

### Printer
- Multiple report formats available

### System
- Windows XP or Vista; Windows 7

### Power Supply
- 220V/ 50Hz or 110V/ 60hz (optional)

### Dimension
- 65x53x52 (cm)

### Weight
- 45 kgs

### Cat No.
- T19953

## LIST OF COMPONENTS SUPPLIED ALONG WITH THE INSTRUMENT

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Components</th>
<th>Quantity</th>
<th>Sr. No.</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power Cord</td>
<td>1 No.</td>
<td>10</td>
<td>Reagent Bottle R2</td>
<td>10 Nos</td>
</tr>
<tr>
<td>2</td>
<td>Fuse</td>
<td>4 Nos.</td>
<td>11</td>
<td>Sample Cups</td>
<td>400 Nos.</td>
</tr>
<tr>
<td>3</td>
<td>Wash Water Inlet</td>
<td>1 No.</td>
<td>12</td>
<td>Reagent Bottle Caps</td>
<td>40+10 Nos.</td>
</tr>
<tr>
<td>4</td>
<td>Water &amp; Waste Sensor</td>
<td>1 No.</td>
<td>13</td>
<td>Halogen Lamp</td>
<td>1 No.</td>
</tr>
<tr>
<td>5</td>
<td>Tube Kit</td>
<td>1 No.</td>
<td>14</td>
<td>Allen Key Set</td>
<td>1 No.</td>
</tr>
<tr>
<td>6</td>
<td>Reaction Cuvettes</td>
<td>90+10 Nos.</td>
<td>15</td>
<td>Precision Screw Driver</td>
<td>1 No.</td>
</tr>
<tr>
<td>7</td>
<td>3 Pin Top</td>
<td>1 No.</td>
<td>16</td>
<td>Sample Probe</td>
<td>1 No.</td>
</tr>
<tr>
<td>8</td>
<td>Serial Cable RS232</td>
<td>1 No.</td>
<td>17</td>
<td>Sensor</td>
<td>1 No.</td>
</tr>
<tr>
<td>9</td>
<td>Reagent Bottle R1</td>
<td>40 Nos</td>
<td>18</td>
<td>Ground Wire</td>
<td>1 No.</td>
</tr>
</tbody>
</table>

## ACCESSORIES/CONSUMABLES FOR USE WITH CORALYZER MINI

<table>
<thead>
<tr>
<th>Accessories/Consumables</th>
<th>Cat No.</th>
<th>Pack Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial Cable</td>
<td>T19429</td>
<td>1 No.</td>
</tr>
<tr>
<td>Sample cups</td>
<td>T19266</td>
<td>200 Nos.</td>
</tr>
<tr>
<td>Reaction Cuvettes (90+10)</td>
<td>T19462</td>
<td>90 + 10 Nos.</td>
</tr>
<tr>
<td>Tube kit</td>
<td>T14537</td>
<td>1 No.</td>
</tr>
<tr>
<td>Wash water inlet</td>
<td>T19431</td>
<td>1 No.</td>
</tr>
<tr>
<td>Water sensor</td>
<td>T19428</td>
<td>1 No.</td>
</tr>
<tr>
<td>Waste sensor</td>
<td>T19461</td>
<td>1 No.</td>
</tr>
<tr>
<td>Halogen Lamps</td>
<td>T19423</td>
<td>1 No.</td>
</tr>
<tr>
<td>Sample probe</td>
<td>T19240</td>
<td>1 No.</td>
</tr>
<tr>
<td>Ground wire</td>
<td>T19430</td>
<td>1 No.</td>
</tr>
<tr>
<td>R2 Adapters</td>
<td>T19845</td>
<td>10 Nos.</td>
</tr>
</tbody>
</table>