

**CL-1200i**

**Chemiluminescence Immunoassay  
Analyzer**

**Operator's Manual**

**Volume I**

Status	Description
Current system time	This indicator appears on the right of the status display area. It indicates the system date and time.
<b>HOST</b>	<p><b>LIS status</b></p> <p>This indicator appears on the left of the status display area. The following information is indicated:</p> <ul style="list-style-type: none"> <li>If  appears in blue, the LIS host is connected and online.</li> <li>If  appears in grey, the LIS host is offline.</li> </ul>
	<p><b>Printer status</b></p> <p>This indicator appears on the left of the status display area. It indicates the status of the printer: not printing and printing.</p> <ul style="list-style-type: none"> <li>If the icon appears in grey, the printer is not performing print tasks or unconnected.</li> <li>If the icon appears in blue, the printer is printing.</li> </ul>
Login user	This indicator appears in the middle of the status display area. It indicates the user who logs in the system.

5 →

### Function buttons area

The function buttons area contains the following buttons used to access various function windows of the system:

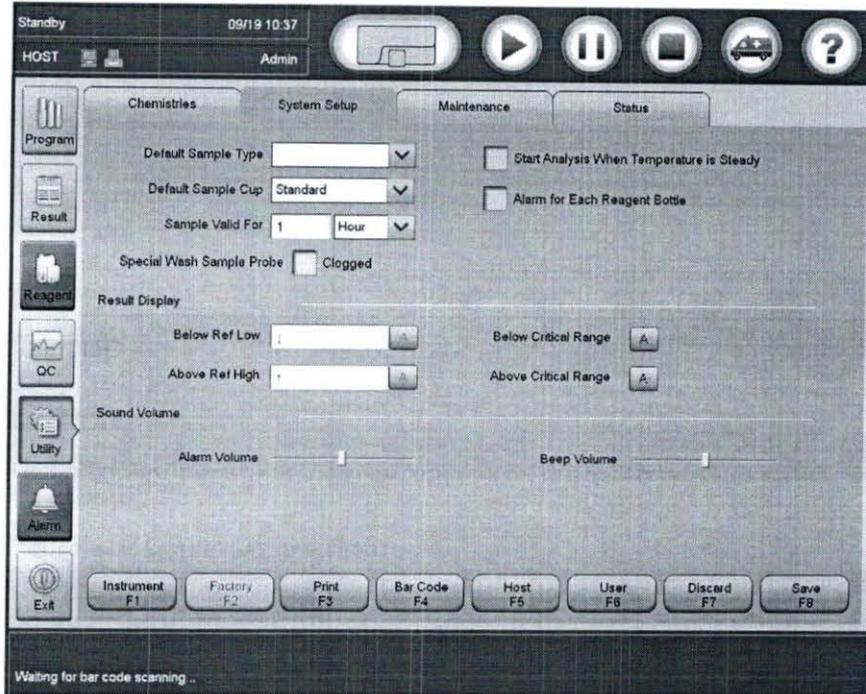
- 
**Program**: used to program patient samples and control samples, and view sample rack status.
- 
**Result**: used to recall test results of patient samples and controls, the result statistics, test statistics, charge statistics and abnormal samples.
- 
**Reagent**: used to load reagents, define/edit calibrators, request calibrations, recall calibration results, and view the status of the consumables.
- 
**QC**: used to define/edit controls and rules, recall QC results and summary.
- 
**Utility**: used to set up chemistry and system parameters, perform system maintenance and diagnosis, and view component status.
- 
**Alarm**: used to recall and handle error logs and delete/edit logs.
- 
**Exit**: used to log off and exit the system.

## 3.1 System Setup

### 3.1.1 Introduction

This section summarizes the setup options on the **System Setup** screen as shown in the figure below.

Figure 3.1 System Setup screen



### 3.1.2 Sample and Test Options

The sample options allow you to:

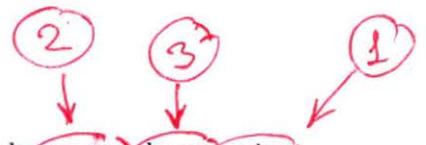
- Set up default sample type, default sample tube and expiration date of samples
- Set up alarm for exhaustion of each reagent bottle
- Enable/Disable “Start analysis when temperature is steady”
- Result display settings
- Set up the alarm volume and beep volume
- Number of tests when special wash of probe is performed

#### Default sample type

The system supports a couple of sample types, which include serum, plasma, urine, amniotic fluid, whole blood and other. The default is serum. When the default sample type is set up, it will be selected by default for programmed samples on the **Sample** screen.

#### Default sample cup type

The system supports the standard sample cup and Microtube 0.5ml and 2 ml. The default is the standard sample cup. When the default sample cup type is set up, it will be selected by default for programmed samples on the **Sample** screen.



## 1.5.10 Communication Interface

Table 1.19 Communication interface

Communication interface	Description
RS232 Serial port	<ul style="list-style-type: none"><li>• Used for communication between the LIS or Data Management Software and the operation unit</li><li>• Used for connecting the operation unit with a printer</li></ul>
Network interface	<ul style="list-style-type: none"><li>• Used for communication between the analyzing and the operation unit</li><li>• Used for communication between the LIS or Data Management Software and the operation unit</li><li>• Used for communication between the RMS and the operation unit</li></ul>
USB port	<ul style="list-style-type: none"><li>• Used for connecting the operation unit with a printer</li><li>• Used for connecting the operation unit with an external storage device</li><li>• Used for connecting the operation unit with a handheld bar code reader</li></ul>

## 1.5.11 Safety Classification

Table 1.20 Safety classification

Parameter	Description
Overvoltage type	Class II
Pollution degree	2
Device type	Fixed device
Work type	Continuous
Degree of ingress protection	Common device

## 1.5.12 EMC Requirements

This IVD medical equipment complies with the emission and immunity requirements described in IEC 61326-1:2012/EN 61326-1:2013 and IEC 61326-2-6:2012 /EN 61326-2-6:2013.