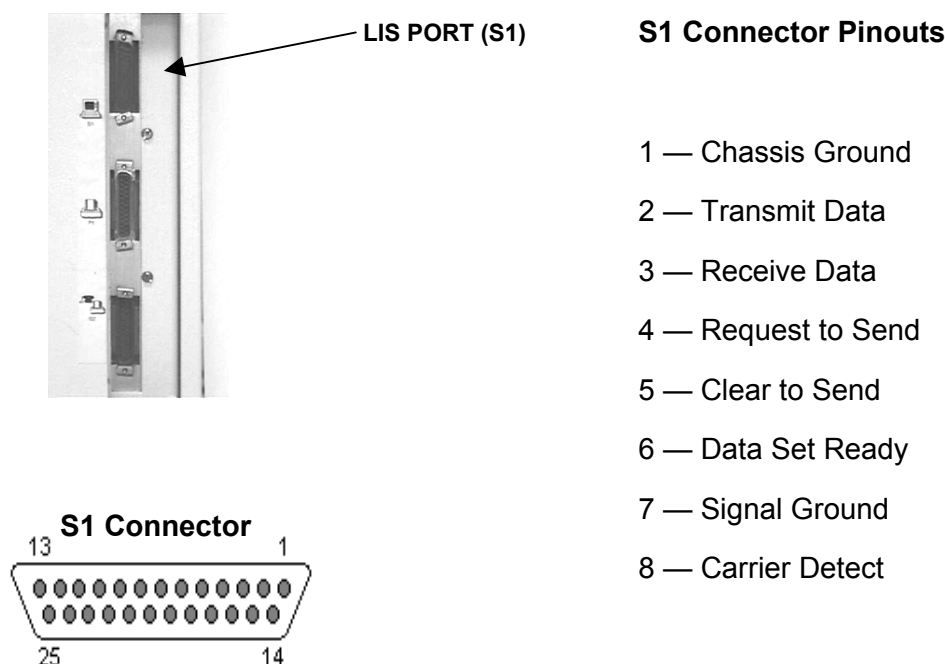# Chapter 16: Interfacing

The Dimension®–LIS Connection

The Dimension® Instrument is interfaced to an appropriate LIS (Laboratory Information System) using a serial connector located on the rear of the instrument. The connector is LIS PORT (S1), as shown in the picture below.

This connector is a serial RS-232C standard and uses a DB-25M (male) connector.

Figure 16-1. Dimension®–LIS Connector and Pinouts

LIS PORT (S1)

S1 Connector

S1 Connector Pinouts

1 — Chassis Ground

2 — Transmit Data

3 — Receive Data

4 — Request to Send

5 — Clear to Send

6 — Data Set Ready

7 — Signal Ground

8 — Carrier Detect

IMPORTANT NOTE:

The Dimension supports all of these lines; however only lines 2, 3, and 7 are required for communications to the LIS.

Most LIS companies connect only these pins to their computer.

Complete technical details of the Dimension interface can be obtained by ordering publication D-00396.