

MEDICA

Products for Health Care

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Tech Tip

From Medica Technical Support

Product: EL

Subject: Connecting to a Computer or LIMs System

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The Medica analyzers connect to a PC for the purposes of transferring the data to the computer for purposes of saving or printing. The information transferred will consist of the exact same information as the print out of the analyzer. The data is one way and there is no downloading from the computer back to the analyzer. There is not an option in the analyzer to start or stop the host connection.

The output of the analyzers is standard ASCII through an RS232 interface as per the parameters in the **Computer Connection** section of the Operator's Manual for the analyzer. The data is not ASTM or LIS enabled. There is no STX, no ATX, no delimiters and no controls.

For the EasyLyte analyzers the parameters are: transmission rate 1200 baud, 8 data bits, 1 stop bit, no parity. For the EasyBloodGas, EasyStat and EasyElectroLyte analyzers, the parameters are: transmission rate 2400 baud, 8 data bits, 1 stop bit, no parity

To make the connection from the analyzer to the computer of LIS, the customer needs to obtain a serial cable ordered from Medica as the pin outs are not standard. For connection to a 9-pin RS232 port, the cable part number is 005845-001 for EasyLyte, 4519 for EEL and 6537 for EBG and ES. For connection to a 25 pin RS232 port, the cable number is 002403-001 for EasyLyte, 4518 for EEL, and 6518 for EBG and ES

The computer must be configured to receive this data through the port and we advise using *Hypertrm* in the Windows environment.

More information is included in the Operator's Manual **Computer Connection** section. Beyond these recommendations, we do not offer further support and recommend you consult the User Manual for the computer system you are using.