the paper moves smoothly and is vertical with the printer roller; otherwise, adjust it as needed.

5) Pull out the printing paper from the paper outlet at the printer cover and close the cover.

Note: The "FEED" key is available on the main interface and all the screens waiting for keyboard entering. This function is disabled on all the other interfaces to protect the printer.

A 2 COM Communication Protocol

Hardware conditions: Connect the RS-232C ports of the two instruments needing to be communicated by RS-232C cable, or connect the instrument with the COM port of the computer. Open the COM interface and select to display in character format. This instrument provides the following options about COM status:

Baud rates: 115200, 57600, 38400, 19200, 9600, 4800

Parity check: Odd, Even, None

Working status: Sending, simplex

Format of sending a frame:

Character number	Field	Content
1	Frame head	0x02
2	Version number	1(ASCII)

2	Instrument type	4(ASCII)
2	Instrument No.	6(ASCII)
15	Time	0-9(ASCII)
7	Patient No.	0-2000(ASCII)
6	Item No.	0--Z(ASCII)
5	Result	0--Z(ASCII)
6	Unit	0--Z(ASCII)
6	Lower limit	0--Z(ASCII)
6	Upper limit	0--Z(ASCII)
7	PTR	0--Z(ASCII)
7	INR	0--Z(ASCII)
7	PTA	0--Z(ASCII)
6	Item No.	0--Z(ASCII)
5	Result	0--Z(ASCII)

6	Unit	0--Z(ASCII)
6	Lower limit	0--Z(ASCII)
6	Upper limit	0--Z(ASCII)
1	Frame tail	0x03

The data results sent are as follows:

⌐ 1 4 6 11 12 15 10 14 000162 FIB-C 296.9mg/dL 200.0 400.0 ∟

⌐ 1 4 6 11 12 15 15 19 QC1   PT   000.0S   011.0 017.0 ∟

⌐ 1 4 6 11 12 15 09 31 000153 PT   000.0S   011.0   017.0
01.05R 01.07I 087.4% FIB-C 000.0mg/dL 200.0 400.0 ∟

Frame head: ⌐ (select in the COM setup interface to display in character format)

Version number: 1

Instrument type: 4

Instrument No.: 6

Time: 11 12 15 10 14 (December 15th, 2011 10:14)

Patient No.: 000162 (the measurement ID is 000162 and QC1 means it is a QC measurement)

Item No.: FIB-C (the measurement item is FIB-C)

Result: 296.6 (display the stored measurement result)

Unit: mg/dL (the measuring unit for the result)

Lower limit: 200.0

Upper limit: 400.0 (the normal reference range is set as 200~400)

PTR: 01.05R (this result can be exported when selecting "R" in the "Edit Test" window)

INR: 01.07I (this result can be exported when selecting "I" in the "Edit Test" window)

PTA: 087.4% (this result can be exported when selecting "%" in the "Edit Test" window)

Item No.: FIB-C (The FIB calculation results can be exported when selecting the measurement method of "B" in the "Edit Test" window)

Result: 000.0 (the calculated result)

Unit: mg/dL (the measuring unit of the calculated item result)

Lower limit: 200.0

Upper limit: 400.0 (the normal reference range is calculated as 200~400)

Frame end: ∟