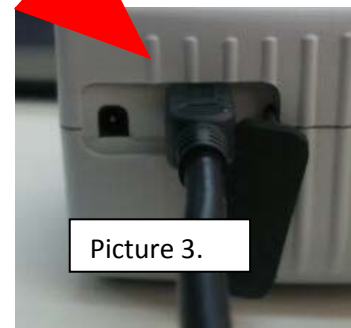


## Connecting 3887 and DPU-S245 printer

### 1. What you need is the following:

1. Portable Particle Counter: Model 3887
2. Printer: Model DPU-S245
3. Specified Serial Interface cable (Refer to picture.#2)
  - \*Comes with DPU-S245 printer. No need to additionally buy
4. Printer cable: Model: 3887-07 (micro USB – RS-232C cable (Refer to pic. 3))
  - \* Optional item. Customer **must** additionally buy

### 2. Printer and Particle Counter Connection diagram:



### 3. Before start to print...

Before starting to use the printer with 3887, first you have to change the baud rate of the printer.

Read the below and change the settings.

#### How to change the baud rate of the S245 Printer

**Highlighted bold text** indicates directions the printer will print. Regular text that follows the colon instructs you which button(s) to press:

The printer should be turned off to start and it needs to have paper.

- 1) Hold both the power and feed buttons down until the lights flash then release them
- 2) **Select Function** : Press Feed
- 3) **[SETTING MODE]** : Press Feed
- 4) **Load Default Setting?** : Press Power
- 5) **DIP Switch setting mode** : Press Feed
- 6) **Input 8 bits** : Press in sequence as shown in the diagram below (Feed, Feed, Power, Power, Feed, Power, Feed, Feed)

9600/bps  
Input 8bit

bit No.	FEED	ON/OFF	bit
1-8	1		1
1-7	1		1
1-6		0	0
1-5		0	0
1-4	1		1
1-3		0	0
1-2	1		1
1-1	1		1

- 7) **Save Setting?** : Press Feed
- 8) **DIP SW-2 Change Setting?** : Press Feed
- 9) **Input 8 bits** : Press in sequence as shown in the diagram below (Feed, Feed, Power, Feed, Feed, Feed, Power, Feed)

16dots  
Input 8bit

bit No.	FEED	ON/OFF	bit
2-8	1		1
2-7	1		1
2-6		0	0
2-5	1		1
2-4	1		1
2-3	1		1
2-2		0	0
2-1	1		1

- 10) **Save Setting?** : Press Feed
- 11)
- 12) **DIP SW-3 Change Setting?** : Press Power
- 13) **DIP SW-4 Change Setting?** : Press Power
- 14) **DIP Switch setting mode** : Press Power

The printer is now configured to work with your Kanomax 3887.

### Make the test printing

After finishing up the dip switch setting, make sure to conduct the test printing so that the setting has been changed properly.

1. Press **"FEED"** switch and **"ON/OFF"** switch at the same time.
2. Hold 2 switches until **<ERROR>** lamp and **<POWER>** lamp turns on.
3. First release **"ON/OFF"** switch and then release **"FEED"** switch.
4. Printing starts. If you see DIP switch settings and letters on the paper, the printer and particle counter has been connected successfully.