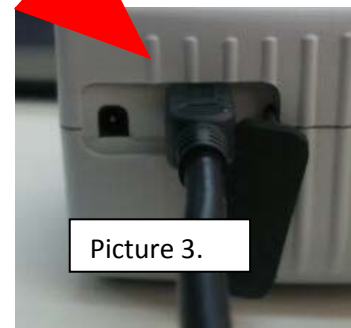


Connecting 3887 and DPU-S245 printer

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.