SCE-02 USB Interface Instruction Manual

1. Features
   - Connects a scale to a personal computer and used to transmit the scale weight data to the personal computer via USB. Applicable OS is Windows 7 or later.
   - As a standard Windows driver is used, complicated installation of a dedicated driver is not necessary. Once a connection between the scale and the personal computer is made, the weight data can be transmitted.
   - Transmits the scale weight data to any application such as Excel, Word or Notepad for Windows.

Notes:
   - Only the weight data can be transmitted. Headers and units cannot be transmitted.
   - Data transmission from the personal computer to the scale is not available. If it is necessary to control the scale by a command, connect the scale and the personal computer using the SCE-03 RS-232C serial interface.
   - The SCE-02 USB interface and the SCE-03 RS-232C serial interface cannot be used at the same time.
   - A USB cable is not provided with the SCE-02. Prepare a commercially available type A to Mini-B USB cable.
   - Turn off the screen saver or suspend mode of the personal computer.
   - Windows, Word and Excel are the registered trademarks of Microsoft Corporation.
   - When the SCE-02 is installed, the scale will not be watertight.

2. Installing the SCE-02
   Note: Before installing the SCE-02 board, be sure to remove the batteries from the scale.
   - Step 1 Hold the board in such a way that its USB mini port will match the hole on the casing. Insert the board into the casing by sliding it into the casing groove.
   - Step 2 Place the waterproof packing on the casing, aligning its holes with the casing screw holes.
   - Step 3 Remove the four screws on the option slot panel located on the bottom right of the display.
   - Step 4 Insert the board into the option slot.
   - Step 5 Secure the casing to the display, using the four screws provided with the casing.
   - Step 6 Seal the screw heads with the tabs attached to the waterproof packing.
   - Step 7 Insert a commercially available type A to Mini-B USB cable into the port at the rear of the casing.

3. Setting the SC/SE series scale
   Refer to the SC/SE series instruction manual to perform function settings.
   - Set the baud rate to 2400 bps "bP5 0" (factory setting).
   - Set the serial interface data output mode to print key mode "Prt 2". (The factory setting is stream mode "Prt 3": Change it to "Prt 2")

For details, refer to the SC/SE series instruction manual.

4. Using the SCE-02
   - Step 1 Turn the personal computer on to start up Windows. And then, insert the batteries into the scale and turn the scale power on.
   - Step 2 Connect the scale to the personal computer, using the USB cable.
   - Note: When connecting the USB cable, make sure that the scale serial interface data output mode is set to a mode other than stream mode.
   - Step 3 When connecting the first time, the driver will be installed automatically. Wait for the driver installation to complete. When connecting subsequently, this step is not required.
   - Step 4 Start up the application such as Excel into which the scale weight data is transmitted. Place the cursor in the position to enter the scale weight data.
   - Step 5 Press the scale PRINT key. The weight data is input at the cursor position.
   - Step 6 To finish the operation, disconnect the USB cable.

Depending on the usage, the serial interface data output mode is changed to auto-print mode "Prt 3" or "Prt 4" from print key mode "Prt 2" to print automatically without pressing the scale PRINT key.