# SF40A | SF40A/BT PRINTER
## Instruction Manual

## Revision history

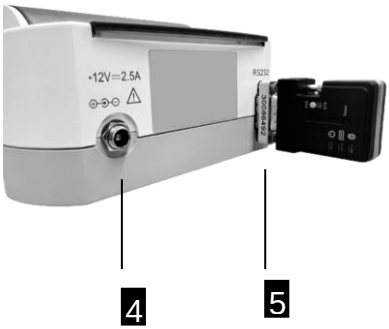
| Date | Version | Description |
|---|---|---|
| 2024/3/6 | H | - Added SF40A/BT and updated related contents |
| | | |
| | | |

# Contents

# 1 Overview

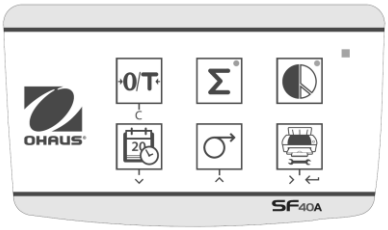
## Controls


## Connections




**1** On/Off Switch
**2** Pilot lamp – status indicator
**3** Control panel
**4** Power connection
**5** RS232 Interface connector (with Bluetooth)

### Control panel




### Functions

| Key | SF40A \| SF40A/ BT |
|---|---|
| 0/T C | Zeroing /Taring the balance<br>Abort – Exit |
| | Printout of date and time<br>Scroll down menu option |
| | Paper feed<br>Scroll up menu option |
| | Printing of stable weight values<br>Opening the menu<br>select next menu option<br>Save settings |
| Σ | Totaling application |
| | Statistics application |

# 2 Introduction

## 2.1 Description

The SF40A and SF40A/BT are advanced dot matrix printers from OHAUS instruments. The printers have Statistics and Totalization functions. They also meet the requirements of modern quality assurance systems such as (GLP, GMP, ISO9001 etc.).

## 2.2 Features

- Support all 13 languages present in Ohaus instruments.
- Statistics and Totalization functions.
- Zero / Tare function.
- Real-time clock function.
- Thermal stable and light resistant print out for recording measurement data and calibration procedures (GLP GMP compliant)
- Easy setup with the software provided with the printer.
- Auto-Paired Bluetooth connection which does not require any additional pairing actions, such as entering paired device names and password.
- Point-to-point data transfer

## 2.3 Package Contents

| SF40A | SF40A/BT |
|---|---|
| 1 x Printer | 1 x Printer |
| 1 x Power Adapter + Cable | 1 x Power Adapter + Cable |
| 1 x RS232 Cable | 1 x Printer-side Bluetooth Adapter (30086492) |
| 1 x RS232 Male-Female Adapter | 1 x Scale-side Bluetooth Adapter (30086493) |
| 1 x Paper Roll | 1 x USB-Mini cable for BT Adapter power supply |
| 1 x Paper Rotary Axis | 1 x Paper Rotary Axis |
| 1 x Instruction Manual | 1 x Paper Roll |
| | 1 x Instruction Manual |

# 3 Startup Procedure

## 3.1 Safety Measures

The Printer has been tested for the connections and intended purposes documented in these Operating Instructions. However, it is your responsibility to perform the necessary tests related to the methods and purposes of its intended use. Therefore, you should observe the following safety measures.

- The printer must be used indoors only, and never in hazardous areas.
- The electronics of the printer are protected against the ingress of splashing water and dust. However, since the printer housing is not watertight, the printer should not be used in the presence of liquids.

- Comply with cleaning instruction (see chapter 6.3), protect power plug against wet conditions.
- Never open the printer housing. If you have any problems with your printer, please contact your responsible OHAUS service.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

## 3.2 Power Supply

Your printer is supplied with an AC adapter with a country-specific power cable. The power supply is suitable for all line voltages in the range: 100 – 240 VAC, 50 – 60 Hz (for exact specifications, see chapter 11).

**Attention**

- First, check the local line voltage is in the range 100 – 240 VAC, 50 - 60 Hz and whether the power plug fits your local power supply connection. **If this is not the case, on no account connect the printer or the AC adapter to the power supply**, but contact the responsible OHAUS dealer.
- **Only plug the adapter into a socket which is grounded.**

**Important**

- Before operating, check all cables for damage.
- Guide the cables so that they cannot become damaged or interfere with the weighing process.
- Make sure that the AC adapter cannot come into contact with liquids
- The power plug must always be accessible.

Bluetooth adapters are suitable for 5V DC power supply. The printer-side adapter is directly powered by the printer, while the scale-side adapter gets power from scale or an external power source via mini-USB cable.

## 3.3 Printer Setup

The default setting of the printer is as below.

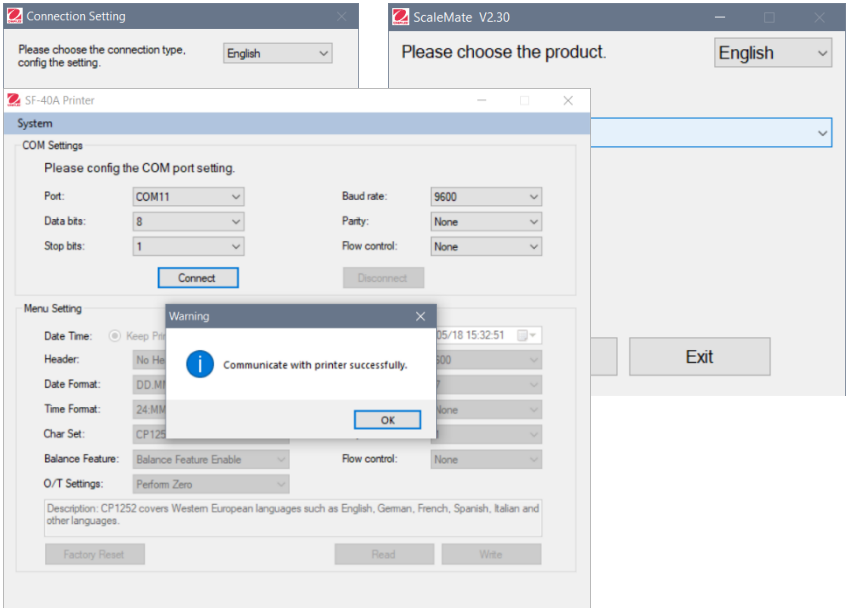
| | | | |
|---|---|---|---|
| Header: | No Header | Baud rate: | 9600 |
| Date Format: | DD.MMM YYYY | Data bits: | 8 |
| Time Format: | 24:MM:SS | Parity: | None |
| Char Set: | CP1252 Window Latin1 | Stop bits: | 1 |
| Balance Feature: | Balance Feature Enable | Flow control: | Xon/Xoff |
| O/T Settings: | Perform Zero | | |

There are two ways to change the default setting:

- Use OHAUS software "ScaleMate".
- Operate on the printer only.

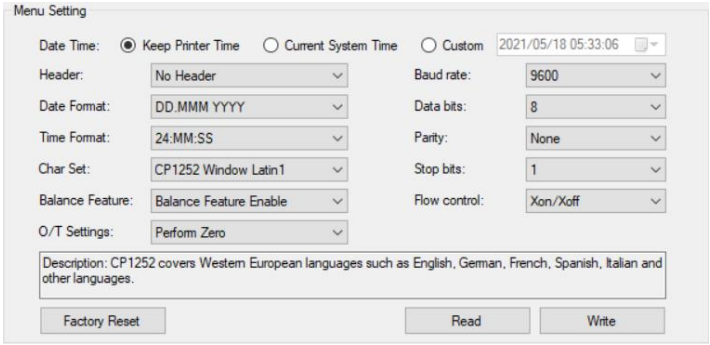
### 3.3.1 Printer setup using OHAUS software ScaleMate

1) Use the cable (Interface kit RS232-USB, PN 30304101) and accompanying cable adapter to connect the computer and the printer.
2) Connect the printer to the main power supply.
3) Use the main switch <I/O> to power on.
4) Install the OHAUS software ScaleMate (please contact your local OHAUS dealer for the software)
5) Run the software, click “Cancel”, then choose “SF-40A Printer” and click “Enter”.




6) Configure the COM port setting of the computer, then click the “Connect” button. The following window will appear if connection is successful, click OK to continue.

7) The printer Menu setting is now activated and all the settings can be changed.




a. **Date Time:** Set the date and time for the printer

- Keep Printer Time: keep the existing date and time in the printer
- Current System Time: Get the date and time from your computer
- Custom: Set the date and time manually

**Note**: The date and time of the balance has priority when：

- The balance/scale has built-in data/time.
- The Balance Feature in SF40A is enabled.

b. **Header:** Set the header of the printing content

- No header: No header for printing content
- Date/Time: Header with date and time
- Date/Time/Balance: Header with date, time and the serial number of the balance/scale.

c. **Date Format:** Set date format

d. **Time Format:** Set Time Format

e. **Char Set:** Set the Code page for different languages

- CP 1252 Window Latin1: Covers Western European languages such as English, German, French, Spanish and Italian.
- CP 1251Window Cyrillic: Covers languages that use the Cyrillic alphabet such as Russian, Bulgarian and Serbian Cyrillic.
- CP437 MS-DOS Latin US: Covers Western European languages such as English, German, French, Spanish and Italian.
- CP852 MS-DOS Latin2: Covers Central European languages that use Latin script such as Polish Bosnian, Czech, Hungarian, Croatian, Romanian, Serbian and Slovak.

- CP860 MS-DOS Portuguese: Covers Portuguese language

**Note**: SF40A supports Chinese, Korean and Japanese no matter what Character code is.

f. **Balance Feature :**

1) Enable/Disable a function of the printer: 0/T, Statistics, Totalization

2) Printer connection status: LED light will either blink or stay lit.

- Balance Feature Enabled: 0/T, Statistics and Totalization functions of the printer are enabled. The printer connection status LED light will blink if the connection with balance is lost.
- Balance Feature Disable: 0/T, Statistics, Totalization functions of the printer are disabled. The printer connection status LED will be lit even if the connection with balance is lost.

g. **0/T Setting:** Set up the function of the button 0/T

- Perform Zero: Perform Zero function when pressing the button.
- Perform Tare: Perform Tare function when pressing the button.

h. **Baud rate, Data bits, Parity, Stop bits, Flow control:** Set the parameters of RS232 setting.

The settings should be the same as the instrument to be connected. For the instrument RS232 settings, please see the instrument manual.

Factory Reset — Reset the printer to factory default setting.

- Baud rate: 9600
- Data bits: 8
- Parity: None
- Stop bits: 1
- Flow control: Xon/Xoff

Read — Get the current setting from the printer.

Write — Save the setting to the printer.

i. **Click "Write" button to save the setting to the printer.**

### 3.3.2 Printer setup using printer only

1) Connect the printer to the main power supply.

2) Use the main switch <I/O> to power on.

3) Press and hold the «  utton to enter the menu list, the printer will print "----------Menu-------".

Press «  » to choose which item to change.

Press «  » to change the parameter.

Press and hold «  » to save and exit.

Press «  » to exit without saving

The printer will print the content to show the result of every operation.

For total menu structure, please see chapter 4.

To check the version number of SF40A, use the main switch <I/O> to power on while pressing and holding the «  » button. When the printer starts printing, release the «  » button.

## 3.4 Install the printer

### 3.4.1 Connect the Printer via RS232 Cable

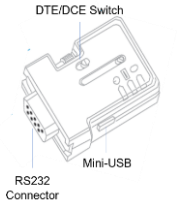
Before connecting, make sure the instrument and printer have the same RS232 Baud rate setting.

1. Use the RS232 interconnecting cable to connect the instrument and the printer.
2. Switch on the instrument and the printer. When connected, the pilot lamp will stop flashing.


Note: If the lamp continues to flash see chapter 7 for troubleshooting.

### 3.4.2 Connect the Printer via Bluetooth (SF40A/BT Only)

1) Set DTE/DCE:
   - Printer-side BT adapter - yellow (30086492): **DCE**
   - Scale-side BT adapter - orange (30086493): **DTE**




2) Connect the **Printer-side BT adapter - yellow (30086492)** into the RS232 interface of the printer.

3) Connect the **Scale-side BT adapter - orange (30086493)** into the RS232 interface of the scale.
4) Connect the **mini-USB power cable** to the **Scale-side BT adapter** for power supply.
   - If the scale has a USB interface, **connect the USB to the scale** for power.

Image: Example - USB Connection on Ranger 7000

   - If the scale does not have a USB interface, **connect to an external 5V USB power source**.

Image: External USB Adapter (not supplied)

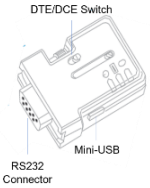
5) Turn on the scale and the printer.

When connected:
   - The pilot lamp will stop flashing.
   - The blue light on the Bluetooth adapter will stop flashing.
   - The printer would print a message automatically.
     e.g. CONNECT “43C9-F0-9B5C03”

## Connection Examples

### Example 1: Connect Explorer EX to Bluetooth Printer

1) Set DTE/DCE:
   - Printer-side - yellow (30086492): DCE
   - Scale-side - orange (30086493): DTE



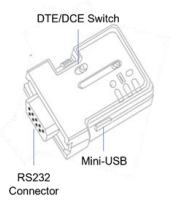

2) Plug the **Scale-side BT Adapter** into the RS232 interface of EX.
3) Use the mini-USB cable to connect the **Scale-side Adapter and EX**.
4) Plug the **Printer-side BT adapter** into the RS232 interface of the printer.
5) Turn on the scale and the printer.
   When connected:
   - The pilot lamp will stop flashing.
   - The blue light on the Bluetooth adapter will stop flashing.
   - The printer would print a message automatically.
     e.g. CONNECT “43C9-F0-9B5C03”

BT Adapter and USB power connection on EX

Bluetooth Adapter connection on printer

**Example 2: Connect Adventure AX to Bluetooth Printer**

1) Set DTE/DCE:
   - Printer-side - yellow (30086492): **DCE**
   - Scale-side - orange (30086493): **DTE**




2) Plug the **Scale-side BT Adapter** into the RS232 interface of AX (at the back).
3) Use the mini-USB cable to connect the **Scale-side Adapter and USB interface of AX (at the front)**.
4) Plug the **Printer-side BT adapter** into the RS232 interface of the printer.
5) Turn on the scale and the printer.

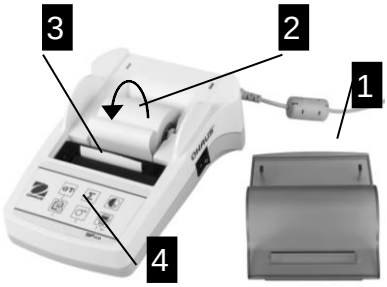
   When connected:
   - The pilot lamp will stop flashing.
   - The blue light on the Bluetooth adapter will stop flashing.

   The printer would print a message automatically.
   e.g. CONNECT “43C9-F0-9B5C03”

BT Adapter and Back-side USB connection on AX
Bluetooth Adapter connection on printer

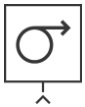
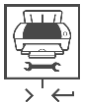
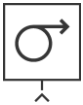
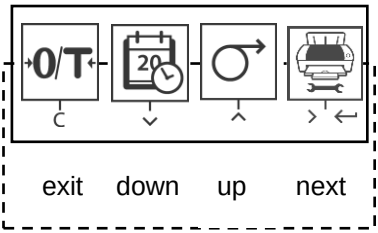
Front-side USB connection on AX

## 3.5 Inserting Paper



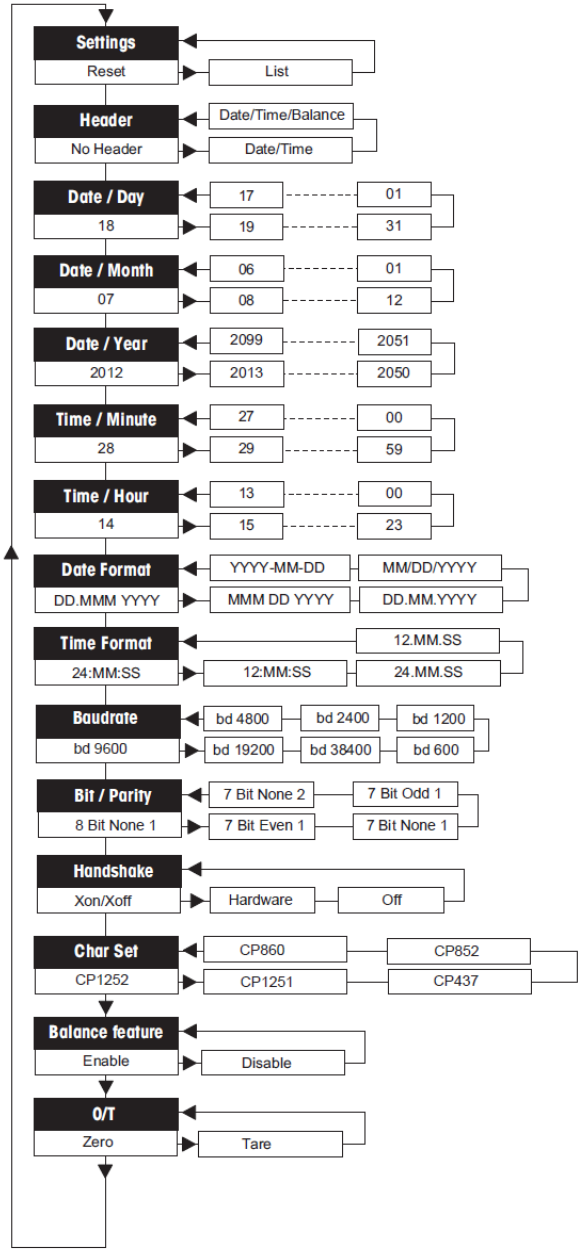

- Remove paper cover (pull on the back) (1).
- Insert the paper rotary axis through the core of the paper roll (2).
- Feed paper through the slot in the printing unit in the direction of the arrow (3).
- Press and hold until enough paper has been fed (4).
- Replace the paper cover (1).

# 4 Keystroke Functions

| | Press briefly | Press and hold |
|---|---|---|
| **Operational Level** |  Zero or Tare the balance<br>  print Date and Time<br>  one line feed<br>  print |  continuous feed (until release)<br>  open menu |
| **Menu Level** |  exit down up next |  store |
| **Function Level** |  Start totaling application<br>  Start statistics application |  Conclude totaling application<br>  Conclude statistics application |

# 5 Menu

## 5.1 Menu tree structure



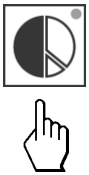
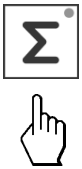
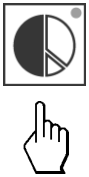
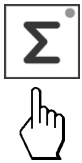
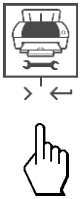
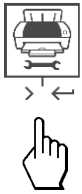
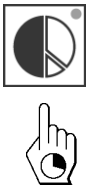
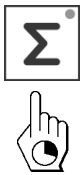
## 5.2 Printout example

```
---------MENU--------
Settings:
  * List

Header:
  * No Header

Date Day:
    31

Date Month:
    07

Date Year:
    2012

Time Minute:
    00

Time Hour:
    18

Date Format:
   * YYYY-MM-DD

Time Format:
   * 24:MM:SS

Baudrate:
   * 9600

Bit/Parity:
   * 8 Bit None 1

Handshake:
   * Xon/Xoff

Char Set:
   * CP1252 Windows Latin 1

Balance Feature:
   * Enable

->0/T<- Setting:
*  * Zero
```

## 5.3 Applications


Press briefly


ess and hold

| Statistics Application | | Totaling Application | |
|---|---|---|---|
|  | → Start “Statistics application” (LED on) |  | → Start “Totaling application” (LED on) |
|  | → Add a new sample and press «  |  | → Add a new sample and press «  |
|  | → If needed print subtotal press «  » |  | → If needed print subtotal press «  » |
|  | → Print and end “Statistic application” (LED off). |  | → Print and end “Totaling application” (LED off). |

**Important notes**

Unit change during the application is not permitted.

1) Maximum 999 samples can be stored in each of above applications (statistics and totaling).
2) Minimum sample weight should be larger than 1d.
3) During application, the change of sample weight on the weighing pan should be more than 100d, otherwise the printer will not register the sample change.
4) The report for statistics applications includes: number of samples, average value, standard deviation, min, max, min-max differential and total weight.

### 5.4 Printer Test

The printer is equipped with a self-test that automatically prints out the character set of the printer (standard IBM/DOS).

**Starting the test** → Press the «  » key and power on the printer. The printer prints out the current settings.

**Terminating the test** → Power off the printer.

## 6 Maintenance

Under normal conditions the printer requires practically no maintenance. The OHAUS service department is available if servicing is required. Please ask your responsible OHAUS dealer for details.

### 6.1 Changing the Paper Roll

Insertion of a new roll of paper is described in chapter 2.4. Please see chapter 9 (Consumables) for paper roll order number.

**Note:** You may obtain the paper rotary axis from the old paper roll.

## 6.2 Replacing the Ribbon


- Remove the paper cover (1)
- Pull paper out of printing unit (2)


- To remove the ribbon cartridge, press in direction of arrow (3).
- Insert the new ribbon, and if necessary, take up slack with tensioning wheel (4). See chapter 9 (Consumables) for the ribbon cartridge order number.
- Insertion of a new roll of paper is described in chapter 2.4.

## 6.3 Cleaning

Since the printer housing is made of top grade materials, all commercially available mild cleaning agents may be used (see safety precautions in chapter 2.1).

## 6.4 Disposal

| | |
|---|---|
|  | This product complies with the EU Directive 2012/19/EU (WEEE) and 2006/66/EC (Batteries). Please dispose of this product in accordance with local regulations at the collecting point specified for electrical and electronic equipment.<br>For disposal instructions in Europe, refer to www.ohaus.com/weee. |

# 7 Troubleshooting

| Problem / Message | Possible cause | Correction |
|---|---|---|
| Printout unreadable | • Ribbon worn or entangled.<br>• Service life of printing unit at an end. | • Change ribbon cartridge or tense the ribbon properly.<br>• Please contact OHAUS service. |
| Pilot lamp does not light | • No power.<br>• Power supply fault. | • Switch printer on.<br>• Please contact OHAUS service. |
| Pilot lamp flashes | • No connection printer device.<br>• Printer did not find the settings of the connected instrument. | • Make sure that the printer and the instrument is connected.<br>• Switch the printer off/on.<br>• Alternatively change the settings of the printer or the connected instrument. (see chapter 2.4) |
| ----------Timeout---------- | • Data transfer has not completed in the last 45 s. | • Move balance to more stable location.<br>• Check the balance. |
| ----------Over Load---------- | • Balance in overload range. | • Check the sample weight. |
| | • Zeroing out of the zero range. | • Change the zero range of the balance.<br>• Change the setting of the printer from zero to tare. |
| ----------Under Load---------- | • Balance in underload range. Weighing pan is not in position. | • Check the balance. |
| --Transmission Error-- | • Instrument does not understand printer instruction. | • Check interface parameter settings on printer and instrument. |

| Problem / Message | Possible cause | Correction |
|---|---|---|
| --No Connection-- | • Bluetooth adapters are not connected | • Make sure the BT adapters are connected correctly, and then reboot the scale and printer together. |
| Error | • The scale-side BT adapter is not connected.<br>• The scale-side BT adapter is connected, but the scale is turned off.<br>• Bluetooth adapters are not connected | • Switch on the scale or switch off the printer.<br>• Connect the scale-side BT adapter, then reboot the scale and printer together.<br>• Make sure the BT adapters are connected correctly, and then reboot the scale and printer together. |
| --------Not Executable------ | • Instrument cannot execute printer instruction. | • Check the balance. |
| ----Date/Time Not Set---<br>---------Memory Error--------- | • Printer error messages. | • Check the instrument.<br>• Reset the printer.<br>• Set date/time<br>• Back-up battery depleted<br>Please contact OHAUS service. |
| --------- Memory full---------- | • Statistics or Totaling Memory is full. (more than 999 samples) | • Start a new Statistics or Totaling application. |
| --Load/Unload Weight--- | • No sample or the same sample is on the weighing pan. | • Put a new sample or remove it and put it again on the pan. |
| Unit change not allowed! | • Changed unit during Statistics or Totaling application. | • Reset the balance.<br>• Change the unit back to the first one. |
| ---------Out of range--------- | • Sample weight is out of range= | • Sample weight must be in the range of 70% - 130% of the current average value. |

# 8 Compatibility

<table>
<tr><th>Printer Module</th><th colspan="2">Compatible Scale</th></tr>
<tr><td rowspan="2">SF40A/BT</td><td>Scales with USB power connection</td><td>Scales without USB power connection</td></tr>
<tr><td>• Explorer EX<br>• Adventurer AX<br>• MB90*, 120*<br>• Ranger 7000</td><td>• Pioneer PX<br>• PR Series<br>• PJX Jewelry Balance<br>• NV*, NVL*, NVT*<br>• SPX*, STX*, SJX*<br>• AB33PH*, AB33EC*, AB33M1*, AB41PH*<br>• ST5000**<br>• MB23, 25, 27<br>• Ranger 1000, 3000, 4000<br>• Defender 2000, 3000, 5000 plastic version<br>• Valor 1000 (with RS232)<br>• Valor 7000</td></tr>
<tr><td>SF40A</td><td colspan="2">• All modules listed above</td></tr>
</table>

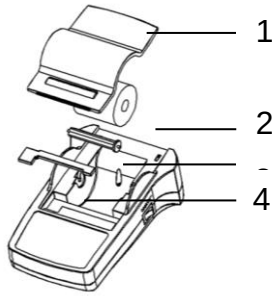
Notes:

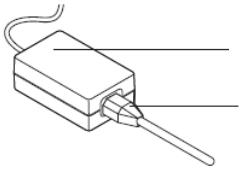
- The compatible list is updated on regular basis. However, it may not cover all compatible scales. Please refer to the instruction manual of the specific scale for compatibility information.
- For **scales with USB interface**, the Scale-side BT adapter can be powered by the scale directly via mini-USB.
- For **scales without USB interface**, the Scale-side BT adapter should link to an external USB power source.
- * The **Print** button on the printer is not able to activate printing.
- ** Requires additional accessory for Bluetooth connection. Please consult Ohaus for more information.

# 9 Recommended Settings

| Connected Device | | Device Settings | Printer Settings |
|---|---|---|---|
| DV, AV, PA, AR, AX, PX SP, TA, NV, NVL, NVT, MB35/45, MB23/25, MB90/120 (T31P, T51P, T71P, T32XW, T32WE, T51 XW, T71XW, CKW) | | Printer Mode<br>Baud rate: 9600<br>Bit / Parity: 8 bit None 1<br>Handshake: Xon/Xoff | Factory Settings |
| EX | | Printer Mode<br>Baud rate: 9600<br>Bit / Parity: 8 bit None 1<br>Handshake: Xon/Xoff | Factory Settings |
| | Russian | Printer Mode<br>Baud rate: 9600<br>Bit / Parity: 8 bit None 1<br>Handshake: Xon/Xoff<br>Language: ANSI/WIN Russian | CP1251 Windows Cyrillic |
| | Polish | Printer Mode<br>Baud rate: 9600<br>Bit / Parity: 8 bit None 1<br>Handshake: Xon/Xoff<br>Language: ANSI/WIN Polish | CP852 MS-DOS Latin2 |
| | Czech | Printer Mode<br>Baud rate: 9600<br>Bit / Parity: 8 bit None 1<br>Handshake: Xon/Xoff<br>Language: ANSI/WIN Czech | CP852 MS-DOS Latin2 |
| | Hungarian | Printer Mode<br>Baud rate: 9600<br>Bit / Parity: 8 bit None 1<br>Handshake: Xon/Xoff<br>Language: ANSI/WIN Hungarian | CP852 MS-DOS Latin2 |
| | Portuguese | Printer Mode<br>Baud rate: 9600<br>Bit / Parity: 8 bit None 1<br>Handshake: Xon/Xoff<br>Language: ANSI/WIN Portuguese | CP860 MS-DOS Portuguese |
| | English, French, German, Italy, Spanish, Chinese, Japanese, Korean | Printer Mode<br>Baud rate: 9600<br>Bit / Parity: 8 bit None 1<br>Handshake: Xon/Xoff | Factory Settings |

# 10 Consumables & Spare Parts



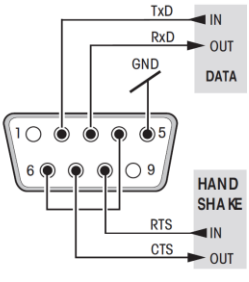




| Pos. | Item | Part Number | Delivery Quantity |
|---|---|---|---|
| 1 | Paper Cover | 30047939 | 1 pcs |
| 2 | Paper roll | 12120799 | 1 pac |
| 3 | Paper Rotary axis | 30063920 | 1 pcs |
| 4 | Ribbon cartridge, black | 30529322 | 1 pcs |
| 5 | AC/DC adapter (without power cable)<br>100 - 240 VAC,<br>50 - 60 Hz,<br>12 VDC 2.5 A | 30529321 | 1 pcs |
| 6 | Power cable CH | 30064089 | 1 pcs |
| | Power cable EU | 12120761 | 1 pcs |
| | Power cable US | 12120762 | 1 pcs |
| | Power cable IT | 30064200 | 1 pcs |
| | Power cable GB | 12120312 | 1 pcs |
| | Power cable AU | 12120313 | 1 pcs |
| | Power cable BR | 83033772 | 1 pcs |
| | Power cable JP | 12122638 | 1 pcs |
| - | RS9 M/F Cable, 1.5 m | 30529323 | 1 pcs |

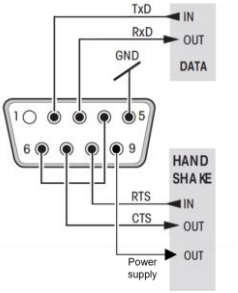
## 11 RS232C Interface

The SF40A and SF40A/BT printers are equipped with an RS232 interface to connect OHAUS scales or Bluetooth adapters.

- 9-pin male connector
- Matching to other devices (transmission parameters) see chapter 8 and 9.




SF40A




SF40A/BT

## 12 Technical Data

| Model | SF40A | SF40A/ BT |
|---|---|---|
| Power supply | AC/DC adapter: 12 VDC, 2.5 A<br>Primary: 100 – 240 VAC, -50 -60 Hz<br>Voltage fluctuations:<br>up to ±10% of the nominal voltage<br>Secondary: 12 VDC, 2.5 A<br>(with electronic overload protection) | |
| Cable to AC/DC adapter | 3-core, with country-specific plug | |
| Power line voltage | 12 VDC | |
| Power consumption | Max. 2.5 A | |
| Altitude | up to 2000 m | |
| Ambient temperature | 0 ºC – 40 ºC | |

| | | |
|---|---|---|
| Relative humidity | Max. 80% at 31 ºC, decreasing linearly to 50% at 40 ºC, noncondensing | |
| Overvoltage category | Class II | |
| Pollution degree | 2 | |
| Printing unit | Dot matrix printer 5x7, 40-character line length | |
| Printing speed | 1.2 lines per second | |
| Ribbon cartridge | Exchangeable, black | |
| Paper roll | Standard paper 57.5 mm x ø 50 to 60 mm, integrated in housing, commercial size | |
| Print quality | Light resistant and thermally stable printing (GLP, GMP, ISO9001) | |
| Interface | RS232C | |
| Printer dimensions | (WxDxH) 120 mm x 203 mm x 73 mm | |
| Packaging dimensions | (WxDxH) 255 mm x 205 mm x 150 mm | |
| Net weight (printer) | 740 g (paper roll incl.) | |
| Wireless standard* | N/A | 2.1 |
| Active Communication Range* | N/A | 10 m (without obstacles) |
| Compatibility limits | • Function Date / Time:<br>not applicable on balances with built-in clock (built-in clock has priority)<br>• Functions Zeroing / Taring, Statistics and Totalization:<br>not applicable on all models of balances<br>• The Print button on the printer is not applicable to activate printing on all models. | |

**Note:** * SF40A/ BT model only

# 13 Conformity

| Item | Conformity / Certification |
|---|---|
| SF40A, SF40A/BT Printer | **Product Safety:** IEC/EN 61010-1, UL61010-1; CAN/CSA C22.2 61010-1<br>**Electromagnetic Compatibility**: FCC Part 15 Class A; Canada ICES-003 Class A; IEC/EN 61326-1 Class B, basic environments<br>**Compliance Marks**: CSA, CE |
| Bluetooth adapter | Anatel (for Brazil), CE RED (for EU), FCC (for US), IC (For Canada), iDA (for Singapore), KCC (For Korea), MoC (For Israel), NBTC (for Thailand), NCC (for Taiwan), NOM (for Mexico), QAS SIRIM (for Malaysia), RCM (for Australia and New Zealand), SRRC (for China), Telec (for Japan), Bluetooth SIG |