

## **Information on Print Material**

Note: Individual information on handling print material are representative of other print materials with identical handling. The graphics in these notes only represent the print material to be named.







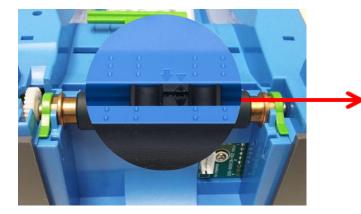
# **1. Hardware Preparation**

## 1.1 Roller



Use roller item number **258-5007**.

# **1.2 Sensor Settings**



The tip of the triangle in the housing and the tip of the triangle on the sensor must point directly towards each other.



## 1.3 Load the Print Material and Align It

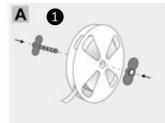
Insert the print media roll into the external unroller. Follow steps A, B und C of the application instructions.
Important: Unrolling direction to the left!

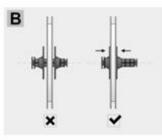
The print material is fed into the printer in a counter-clockwise direction.

**2** Feed the print material through the feed hole on the back of the printer.

**3** Adjust the guide to the width of the print material.

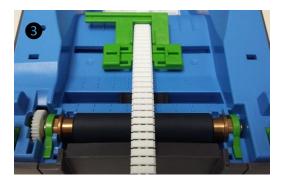
Optimum setting: 1 mm + print material width + 1 mm













## 2. GoDoctor – Measure the Print Material Dimensions

#### **GoDoctor printer software**

Always use the most up-to-date version of the software. Check your existing installation to make sure that it is up to date, or download the newest version.

The program file GoDoctor.exe can be found in the *smart*SCRIPT installation directory on your PC / laptop. C:/Programme(86)/Wago/smartScript/...

Notice: The [Factory Default] button resets the printer to factory settings.

Printer Configuration	2 Auto-Calibration	
TPH Mileage	Reflective Sensing Test	
TPH Dot Test	Transmissive Sensing Test	
Buzzer Test	Communication Test	
Cutter Test	Printer Status	
Dump Mode (OFF)	Factory Default	
Command Mode	1 Reset Printer	Clear

Figure 2.1: GoDoctor dialog box

All individual bits of information (this includes network settings) will be deleted!

Press [Reset Printer] ①. Wait until the bar of the progress indicator in the display has gone through. The current print media settings are deleted. The end of the process is confirmed after 20 seconds, by a simple acoustic signal.

Press [Auto-Calibration] 2. Material will be fed through the printer!

Figure 2.2 shows the info area in the GoDoctor dialog box with the correct information in line 1 and 4 on the print material after auto-calibration.

#### Important:

Auto-calibration has failed if the information in the info area deviates from the information shown in Figure 2.2.

Check the sensors setting and run auto-calibration again.

Contact our support team if doing this does not yield the results shown in the image.

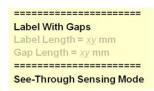


Figure 2.2: The information area shows results for the print material



# 3. WAGO-Printer-Settings - Set Printer Settings

#### WAGO-Printer-Settings

Always use the most up-to-date version of the software. Check your existing installation to make sure that it is up to date, or download the newest version.

Start the WAGO-printer-settings.

W/4G0°	Printer-Se	ttings 💷
Change Offsets/Heat Reset Set	ttings Own Labels	Options
Installed printers:	Selected printer: WAGO smartPrinter	Export act we wer settings
	Driver version: 7.3.5 M-1 (4/22/201	FastViewer Autosensing
	Port: USB001	Show only Favourites
Marking Strip		
<ul> <li>WMB Inline</li> </ul>		
<ul> <li>Labels</li> </ul>		
210-805 Label 15x6 mm (white)		805/000-002 I 15x6 mm (yellow)
210-806 Label 15x9 mm (white)		806/000-002 I 15x9 mm (yellow)
210-807 Label 20x8 mm (white)		807/000-002 I 20x8 mm (yellow)
210-808 Label 9,5x25 mm	210- Label	810 I 5x35 mm
<ul> <li>Type signs</li> </ul>		
<ul> <li>MCS labels</li> </ul>		
MCS labels     Button labels		
<ul> <li>Button labels</li> </ul>		

Figure 3.1: WAGO-printer-settings

In the **[Installed Printer]** (1) window, choose the WAGO *smart*PRINTER. Open the **[Options]** menu (2) and deactivate **[Autosensing]**. Select the directory (3). Select the print material (4).

The specific printer settings for the article are transferred to the *smart*PRINTER as soon as you select the print material.

Press [OK] to confirm the following instructions dialog box (Figure 3.2).



The *smart*PRINTER is now properly set up for the print material.



# 4. WAGO-smartSCRIPT – Creating Project Files

#### WAGO-smartSCRIPT

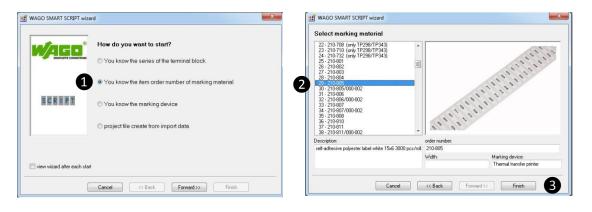
Always use the most up-to-date version of the software. Check your existing installation to make sure that it is up to date, or download the newest version.

Important: Uninstall the existing WAGO-smartSCRIPT-software before carrying out any new installations.

Start the WAGO-*smart*SCRIPT to make the following selections using the wizard: Press [Forward] to confirm that [You know the item order number of marking material].

If the wizard does not start up, select [New document (WAGO SCRIPT Wizard)] from the [File] menu bar.

Select the print material **2** and the wizard by clicking on **[Finish]3**.





### **Individual Labeling**

Input options for labeling text:

- a) Select the marking field by double-clicking and then enter the label/caption text. Click in the dark gray area of the window to accept the text.
- b) Click **[Edit Text] 1** and then click in the marking field to input text. Click in the dark gray area of the window to accept the text.
- c) Click once to select the marking field. Under the **[Properties]** tab, **2** enter the labeling text in the input area **[Text]**. Press the enter button to accept the text.

😰 WAGO SMART SCRIPT - [Unnamed]	
(3) File Project Edit View Extras Window Help	_ # ×
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C Project 📶 Library	2 Properties Symbols
C:\Users\Public\Documents\WAG0	Text
A thermal transfer printer	Text:
- 🔁 B. laser printer	
D. all around WAGD smartSCRIF	
- 🔁 E. Symbol	Horizontal:
	Vertical:
	Text rotation:
	line spacing:
	content:

Figure 4.1: WAGO *smart*SCRIPT dialog box

#### Duplicate the written labels

Click once to select the marking field. Click the **[Duplicate Block] ①** or click on a marking field and click the right mouse key to open the context menu.

Select [Duplicate Block] from the context menu.

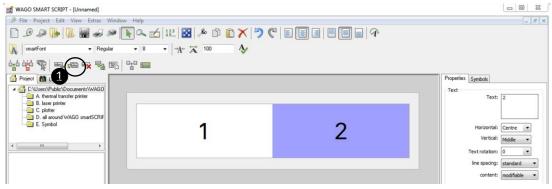


Figure 4.2: WAGO *smart*SCRIPT dialog box–Duplicate block/the selected marking field is blue

Enter the number of duplications in [Duplicate Blocks] and carry this out by clicking on [Accept].

Duplicate blocks		1	2
Number 3	Accept Close	1	2
Block insertion mode: Append to end		1	2
Figure 4.3: Duplicate Blocks dialog box		1	2

Figure 4.4: Duplications result - 3 additional lines with identical text



### **Automatic Numbering**

Automatic input option for alphanumeric labeling Click [Paginate] ① on the toolbar.



The **[From:] [To:]** numbering range is entered under the [Definition] tab in the [Automatic Numbering] dialog box. As shown in Figure 4.5 **[From:]** 1 **[To:]** 6.

Additional options for configuring text are available under this tab.

Place a checkmark on the **[Options]** tab in the **[Automatic Numbering]** dialog box **[If necessary, append new page]** (Figure 4.6) The number of label fields required for your input is automatically added.

Options				
Settings for numbering		Preview		OK
From:	1	1	~	Cancel
To:	6	3		
Numbering mode:	Decimal	2 3 4 5 6		
Step length:	1	6		Standard
Prefix:				
Suffix				
Repeat entry:	1			
Repeat numbering:	1			
Interval text:				
Interval:	-1		-	

Automatic numbering	×
Definition Options	
Append new page if necessary	OK Cancel
	Standard
Figure 4.6: "Automatic Numbering" dialog box	

Figure 4.5: "Automatic Numbering" dialog box "Definition" tab

# TIP

Click **[Adapt to Window] (1)** on the toolbar in order to display all marking fields at their maximum size in the viewing window.

"Options" tab





### **Importing Markings**

WAGO *smart*SCRIPT supports importing **\*.xls**, **\*.xlsx**, **\*.txt**, **\*.csv** and **\*.dat files**. Click [Import...] on the toolbar.



Click on [...] in the [Data Import] dialog box Figure 4.7. Select the file you want to import from the file directory and open it with the [Open] button. The file is opened in the display area of the dialog box.

G: \ALLE	Projekte\smar	tSCRIPT\02_	fier_veröffentlichte_Versionen\Versi	on 2014\Entpackte Version\w	
	1	2	3	<u>^</u>	Accept
1	5,2	1			Close
2	5,2	2			Create from template
3	5,2	3			
4	5,2	4		E	Column before line
5	5,2	5		E	Ignore empty cells
6	7,5	1			Summarizing: 1
7	7,5	2			Jumping steps: 1
8	7,5	3			
9	7,5	4			Separator: TAB
10	10	1			Character filter:

Figure 4.7: "Data Import" – Highlighted cells 6, 7, 8

and 9 in column 2

Options for selecting cells:

Cells that follow each other one after another from column 1 or 2 Same cell area for columns 1 and 2

Sequential cells in columns 1 and 2

Select cells by clicking on them or dragging the mouse. Click **[Accept]** to transfer the contents of the cells to the labels.

Close the [Data Import] dialog box.

The contents of the selected cells from the import file have been transferred to the marking fields Figure 4.8).

If WAGO SMART SCRIPT - [Unnamed]			×
File Project Edit View Extras Window H			_ <i>6</i> ×
	×≤		
Contraction of the second s			
****			Burnin Inc. 1
Project      Dilubrary     A     C:\Users\Public\Documents\WAG0			Properties Symbols Text
A thermal transfer printer     B laser printer     C plotter     D al acound WAGD smartSCRIF			Text:
E. Symbol	1	2	Horizontal:
·			Vertical:
			Text rotation:
			content:
			E Image and graphics
			Retain proportions
	-		
	2	4	
	3		

Figure 4.8: The contents of selected cells 6, 7, 8 and 9 from column 2 are transferred to 4 labels.



## 5. Print

Start the print job using WAGO *smart*SCRIPT. Click [**Print**] on the toolbar.



Use the **[Print]** dialog box to indicate the number of copies to be printed. Accept the other settings displayed in the **[Print]** dialog box. Start the print job by clicking on **[OK]**.

Printer			
Name:	WAGO smartPrinter	•	
Status	Bereit		
Туре	WAGO smartPrinter		
Location	USB001		
Comment		C Send to	file
Print range		Copies	
@ All		Number of copies:	1 🚔
🔿 Pages	From 1 To 1		
Marker			
Print borde	er (horizontal)	📄 Only selected range	
Print frame	es (vertical)	🔄 Emulate TrueType	
🔽 Print conte	ents		
Output setting	8		
Line	thickness: 0,20 mm	Displacement: 0,0	10 mm



# 6. Correcting Print Quality

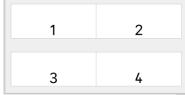
WAGO Printer Settings software allows you to correct the printing quality of the labeling text afterwards. The procedure described in this chapter is representative of all print materials.

Description of defects:

- a) The labeling text is not printed vertically centered. The labeling text is moved up or down (Fig. 1).
- b) The labeling text is not printed centered horizontally. The labeling text is moved to the right or left (Fig 2).
- c) The labeling text is faint or has not been completely printed (Fig 3).

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### Start the WAGO Printer Settings:

Select directory 1. Select print material **2**. Select gear icon **3** for print material. Correction option by changing values:

- a) [Vertical(mm)] Increase value [Vertical(mm)] Decrease value
- b) [Horizontal(mm)] Increase value = [Horizontal(mm)] Decreased value =
- c) [Heat] Increase value = Notice! A value >14 might damage the color ribbon. =

  - [Heat] Decreased value





Fig. 3: Print-out faint and incomplete

- Labeling text will be moved upward.
- Labeling text will be moved downward.
- Labeling text will be moved to the left.
- Labeling text will be moved to the right.
- Labeling text will become darker.
- Labeling text gets lighter.

W/AGO <sup>®</sup>	Printer-Settings	006
Change Offsets/Heat Reset Setting: Installed printers:	heat	11
✓ WAGO smartPrinter	horizontal (mm)	6.4
	vertical (mm)	2
	Trail (mm)	0
Marking Strip		
<ul> <li>WMB Inline</li> </ul>	Close	Save
- Labels		
210-805 Label 15x6 mm (white)	210-805/000-002 Label 15x6 mm (yellow	n)
210-806 Label 15x9 mm (white)	210-806/000-002 Label 15x9 mm (yellow	N)
210-807 Label 20x8 mm (white)	210-807/000-002 Label 20x8 mm (yellow	N)
210-808 Label 9,5x25 mm	210-810 Label 5x35 mm	
Type signs		
MCS labels		
Button labels		
<ul> <li>Wire/cable marking</li> </ul>		
Fabric labels		

Changing the values [Save] then [Close].

Now perform several test printouts.

The printer needs the test printouts to adjust and implement the correction values.



Note:

You can also use the auto calibration button on your *smart*PRINTER to start the calibration of the print material.

Further information on this topic can be found in the *smart*PRINTER operating manual.