Data Sheet | Item Number: 258-5100

Thermal transfer printer; Smart Printer; for complete control cabinet marking; mobile starter kit; Without marking material

https://www.wago.com/258-5100

This item includes:

Item No.: 258-5005 — 1

Thermal transfer ink ribbon; for Smart Printer; black

Item No.: 258-5006 — 1

Roller; for Smart Printer; for marking strips, device and equipment markers, conductor and cable markers

Item No.: 258-5007 — 1

Roller; for Smart Printer; for WMB-Inline WAGO (2009-115, -114, -113); 1 grinding device

Item No.: 206-3010 — 1

Tool bag; empty; compatible with L-BOXX® 102; Capacity: 24 kg

Item No.: 258-5102

Continued on next page

This item includes:

USB Adapter 5.0 with Bluetooth®; for WAGO Thermal Transfer Smart Printer

System requirements

Memory	4 GB
Supported operating systems	Windows 7 Windows 8 Windows 10 Windows 11 Linux®

Technical data

Print head	Glass layer, spring-mounted
Print resolution	300 dpi
Print resolution	300 dpi (12 pixels/mm)
Print speed	Max. 127 mm/s (WAGO recommends 50.8 mm/s)
Print width	47 mm
Print length (max.)	762 mm
See-through/reflective sensor	Yes, centrally mounted
Memory	8192 MB
Interfaces	USB type A, (for BT and Wi-Fi connection), USB type B (for PC connection), RS-232, ETHERNET 10/100 Mbps
Operating voltage	100 … 240 VAC, 50 … 60 Hz (automatic adjustment)
Safety approvals	CE (EMC)
Operating display	Color TFT LCD with navigation button
Ink ribbon	Roll outer diameter: 40 mm; Core inner diameter: 12.7 mm (0.5 inch); Max. length: 110 m; Max. width: 58 mm
Ink ribbon length	360.9
Scope of delivery	USB Adapter *Bluetooth*® 5.0 Nano (258-5102), tool bag (large) (206-3010), power supply + cable, 2 rollers (258-5006 + 258-5007), 1 reel holder, 1 ink ribbon (258-5005), Smart Script marking software and driver, USB cable, external unwinder, 1 empty cardboard core

Physical data

Height	175 mm / 6.89 inches
Width	135 mm / 5.315 inches
Depth	245 mm / 9.646 inches

Material data

Weight	3404 g

Environmental requirements

Ambient temperature (storage)	-20 … +50 °C
Ambient temperature (operation)	+5 … +40 °C

Continued on next page

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	QU
GTIN	4066966573466
Customs tariff number	84433210000

Product Classification

UNSPSC	43212108
ETIM 9.0	EC000610
ETIM 10.0	EC000610
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03079
FCC Timco Engineering, Inc.	-	NDD9576112002
ISED Timco Engineering, Inc.	-	4701A-76112002
KC National Radio Research Agency	Article 58-2, Clause 3	R-R-W43-258-5101
UL Underwriters Laboratories Inc.	UL 60950-1	E482462

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for hazardous areas

Approval	Standard	Certificate Name
CCC CHINA QUALITY CERT. CENTRE	-	2024010904626771

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 258-5100

Documentation

Additional Information

Smart Printer Zubehörübersicht	15.04.25 03.04.2025	pdf 453.91 KB	
Cutting Unit V2	1 27.04.2020	pdf 494.45 KB	
Overview software versions	1 22.02.2021	pdf 716.49 KB	

Operating Instructions

210-804 Information on handling print material	1 28.08.2020	pdf 1347.39 KB	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Accessories for marking devices

1.1.1.1 Accessories for marking devices

Item No.: 258-5015
Carrying case; white

Item No.: 258-5030
Cutter; for Smart Printer; for marking strips, equipment markers, conductor and cable markers; Durable; High accuracy

Item No.: 258-5104
Power Bank; 12 … 24 V; 20100 mAh; for WAGO Thermal Transfer Smart Printer

Item No.: 258-5012
Roller; for Smart Printer; for clip-on wire marker (0211-0170)

Item No.: 258-5006
Roller; for Smart Printer; for marking strips, device and equipment markers, conductor and cable markers

Item No.: 258-5011
Roller; for Smart Printer; for Micro WSB Inline roller (2009-141); 1 grinding device

Item No.: 258-5008
Roller; for Smart Printer; for Mini-WSB Inline WAGO (2009-145); 1 grinding device

Item No.: 258-5009
Roller; for Smart Printer; for WMB-Inline Phoenix (2009-515); 1 grinding device

Item No.: 258-5007
Roller; for Smart Printer; for WMB-Inline WAGO (2009-115, -114, -113); 1 grinding device

Item No.: 258-5010
Roller; for Smart Printer; for WMB-Inline Weidmüller (2009-615); 1 grinding device

Item No.: 258-5005
Thermal transfer ink ribbon; for Smart Printer; black

Item No.: 258-5105
Thermal transfer ink ribbon; for Smart Printer; black

Item No.: 258-5014
Thermal transfer ink ribbon; for Smart Printer; for self-laminating labels; black

Item No.: 258-5005/000-005
Thermal transfer ink ribbon; for Smart Printer; red

Item No.: 258-5005/000-008
Thermal transfer ink ribbon; for Smart Printer; white

Item No.: 258-5103
WiFi USB Adapter; for WAGO Thermal Transfer Smart Printer

1.1.2 Marking

1.1.2.1 Cable tie marker

Item No.: 211-836/000-006
Cable tie marker; for Smart Printer; for use with cable ties; 100 x 15mm; 800 pieces on roll; blue

Item No.: 211-836/000-012
Cable tie marker; for Smart Printer; for use with cable ties; 100 x 15mm; 800 pieces on roll; orange

Item No.: 211-836
Cable tie marker; for Smart Printer; for use with cable ties; 100 x 15mm; 800 pieces on roll; white

Item No.: 211-836/000-002
Cable tie marker; for Smart Printer; for use with cable ties; 100 x 15mm; 800 pieces on roll; yellow

Item No.: 211-836/000-018
Cable tie marker; for Smart Printer; for use with cable ties; 100 x 15mm; 800 pieces on roll; yellow-green

Item No.: 211-835
Cable tie marker; for Smart Printer; for use with cable ties; 25 x 11 mm; 500 pieces on roll; white

Item No.: 211-837
Cable tie marker; for Smart Printer; for use with cable ties; 44 x 10 mm; 500 pieces on roll; white

Item No.: 211-837/000-002
Cable tie marker; for Smart Printer; for use with cable ties; 44 x 10 mm; 500 pieces on roll; yellow

1.1.2.2 Label

Item No.: 210-810
Labels; for Smart Printer; 5 x 35 mm; white

Item No.: 210-808
Labels; for Smart Printer; 9.5 x 25 mm; white

Item No.: 210-813
Labels; for Smart Printer; permanent adhesive; 40 mm; 750 pieces on roll; white

Item No.: 210-814
Labels; for Smart Printer; permanent adhesive; 40 mm; 750 pieces on roll; white

Item No.: 210-805
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; 3000 pieces on roll; white

Item No.: 210-807
Labels; for Smart Printer; permanent adhesive; 8 x 20 mm; 3000 pieces on roll; white

Item No.: 210-806
Labels; for Smart Printer; permanent adhesive; 9 x 15 mm; 3000 pieces on roll; white

Item No.: 210-811
Textile labels; for Smart Printer; permanent adhesive; 7 x 20 mm; 3000 pieces on roll; white

1.1.2.3 Marker

Item No.: 211-811
Marker; for Smart Printer; for use in nozzles; Length: 12 mm; 2500 pieces on roll; white

Item No.: 211-821
Marker; for Smart Printer; for use in nozzles; Length: 23 mm; 2500 pieces on roll; white

Item No.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 2009-615
WMB-Inline; for Smart Printer; 1200 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 2009-114
WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white

Item No.: 2009-113
WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

Item No.: 2009-515
WMB-Inline; for Smart Printer; 900 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.2.4 Marking strip

Item No.: 210-831
Marking strips; 25 m on roll; 2.3 mm wide; plain; Self-adhesive; white

Item No.: 210-832
Marking strips; 25 m on roll; 3 mm wide; plain; Self-adhesive; white

Item No.: 210-834
Marking strips; 25 m on roll; 5 mm wide; plain; Self-adhesive; white

Item No.: 210-833
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white

Item No.: 2009-110
Marking strips; for Smart Printer; 50 m on roll; not stretchable; plain; snap-on type; white

Item No.: 210-742
Marking strips; for Smart Printer; 50 m on roll; not stretchable; plain; snap-on type; white

Item No.: 2009-110/020-002
Marking strips; for Smart Printer; 50 m on roll; not stretchable; plain; snap-on type; yellow

Item No.: 210-871
Marking strips; for Smart Printer; permanent adhesive; 10 mm; silver-colored

Item No.: 210-870
Marking strips; for Smart Printer; permanent adhesive; 10 mm; white

Item No.: 210-880
Marking strips; for Smart Printer; permanent adhesive; 12.7 mm; white

Item No.: 210-880/000-002
Marking strips; for Smart Printer; permanent adhesive; 12.7 mm; yellow

Item No.: 210-702
Marking strips; for Smart Printer; permanent adhesive; 15 mm; 50 m on roll; white

Continued on next page

1.1.2.4 Marking strip

Item No.: 210-702/020-005
Marking strips; for Smart Printer; permanent adhesive; 15 mm; red

Item No.: 210-873
Marking strips; for Smart Printer; permanent adhesive; 20 mm; silver-colored

Item No.: 210-872
Marking strips; for Smart Printer; permanent adhesive; 20 mm; white

Item No.: 210-882
Marking strips; for Smart Printer; permanent adhesive; 22.6 mm; white

Item No.: 210-882/000-002
Marking strips; for Smart Printer; permanent adhesive; 22.6 mm; yellow

Item No.: 210-875
Marking strips; for Smart Printer; permanent adhesive; 30 mm; silver-colored

Item No.: 210-874
Marking strips; for Smart Printer; permanent adhesive; 30 mm; white

Item No.: 210-874/000-002
Marking strips; for Smart Printer; permanent adhesive; 30 mm; yellow

Item No.: 210-876/000-006
Marking strips; for Smart Printer; permanent adhesive; 46 mm; blue

Item No.: 210-876/000-005
Marking strips; for Smart Printer; permanent adhesive; 46 mm; red

Item No.: 210-877
Marking strips; for Smart Printer; permanent adhesive; 46 mm; silver-colored

Item No.: 210-876
Marking strips; for Smart Printer; permanent adhesive; 46 mm; white

Item No.: 210-876/000-002
Marking strips; for Smart Printer; permanent adhesive; 46 mm; yellow

Item No.: 210-876/000-018
Marking strips; for Smart Printer; permanent adhesive; 46 mm; yellow-green

Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

Item No.: 757-901/000-050
Marking strips; on reel; not stretchable; plain; snap-on type

1.1.2.5 Push-button label

Item No.: 210-847
Push-button marker; 22 x 22 mm; silver-colored

Item No.: 210-858
Push-button marker; 22 x 22 mm; silver-colored

Item No.: 210-850
Push-button marker; 26.5 x 18 mm; silver-colored

Item No.: 210-855
Push-button marker; 27 x 18 mm; silver-colored

Item No.: 210-852
Push-button marker; 27 x 19 mm; silver-colored

Item No.: 210-848
Push-button marker; 27 x 27 mm; silver-colored

Item No.: 210-854
Push-button marker; 28 x 28 mm; silver-colored

Item No.: 210-842
Push-button marker; for frames, to be snapped in or glued in place; 27 x 12.5 mm; silver-colored

Item No.: 210-836
Push-button marker; for frames, to be snapped in or glued in place; 27 x 17.5 mm; silver-colored

Item No.: 210-840
Push-button marker; for frames, to be snapped in or glued in place; 27 x 27 mm; silver-colored

1.1.2.6 Self-laminating label

Item No.: 211-856
Self-laminating labels; for Smart Printer; 13 x 22 mm; 1000 pieces on roll; white

Item No.: 211-857
Self-laminating labels; for Smart Printer; 18 x 44 mm; 500 pieces on roll; white

Item No.: 211-855
Self-laminating labels; for Smart Printer; 9 x 18 mm; 1000 pieces on roll; white

Continued on next page

1.1.2.7 Shrink tube

Item No.: 211-505
Shrink tube; for Smart Printer; Unshrunk diameter: 12.7 mm; white

Item No.: 211-505/000-002
Shrink tube; for Smart Printer; Unshrunk diameter: 12.7 mm; yellow

Item No.: 211-506
Shrink tube; for Smart Printer; Unshrunk diameter: 19.0 mm; white

Item No.: 211-506/000-002
Shrink tube; for Smart Printer; Unshrunk diameter: 19.0 mm; yellow

Item No.: 211-500
Shrink tube; for Smart Printer; Unshrunk diameter: 2.4 mm; 20 m on roll; white

Item No.: 211-500/000-002
Shrink tube; for Smart Printer; Unshrunk diameter: 2.4 mm; 20 m on roll; yellow

Item No.: 211-501
Shrink tube; for Smart Printer; Unshrunk diameter: 3.2 mm; 20 m on roll; white

Item No.: 211-501/000-002
Shrink tube; for Smart Printer; Unshrunk diameter: 3.2 mm; 20 m on roll; yellow

Item No.: 211-502
Shrink tube; for Smart Printer; Unshrunk diameter: 4.8 mm; 20 m on roll; white

Item No.: 211-502/000-002
Shrink tube; for Smart Printer; Unshrunk diameter: 4.8 mm; 20 m on roll; yellow

Item No.: 211-503
Shrink tube; for Smart Printer; Unshrunk diameter: 6.4 mm; 20 m on roll; white

Item No.: 211-503/000-002
Shrink tube; for Smart Printer; Unshrunk diameter: 6.4 mm; 20 m on roll; yellow

Item No.: 211-504
Shrink tube; for Smart Printer; Unshrunk diameter: 9.5 mm; white

Item No.: 211-504/000-002
Shrink tube; for Smart Printer; Unshrunk diameter: 9.5 mm; yellow

1.1.2.8 Type labels

Item No.: 210-812
Type labels; 50 x 25 mm; silver-colored

Item No.: 210-802
Type labels; 70 x 33 mm; silver-colored

Item No.: 210-801
Type labels; 70 x 33 mm; white

Item No.: 210-801/000-002
Type labels; 70 x 33 mm; yellow

Item No.: 210-804
Type labels; 99 x 44 mm; silver-colored

Item No.: 210-803
Type labels; 99 x 44 mm; white

1.1.2.9 Wire marker for thread-on mounting

Item No.: 211-863
Conductor markers for thread-on mounting; for Smart Printer; 10 x 17 mm; 1000 pieces on roll; white

Item No.: 211-863/000-002
Conductor markers for thread-on mounting; for Smart Printer; 10 x 17 mm; 1000 pieces on roll; yellow

Item No.: 211-861
Conductor markers for thread-on mounting; for Smart Printer; 5 x 10.5 mm; 1000 pieces on roll; white

Item No.: 211-861/000-002
Conductor markers for thread-on mounting; for Smart Printer; 5 x 10.5 mm; 1000 pieces on roll; yellow

Item No.: 211-862
Conductor markers for thread-on mounting; for Smart Printer; 7 x 10.5 mm; 1000 pieces on roll; white

Item No.: 211-862/000-002
Conductor markers for thread-on mounting; for Smart Printer; 7 x 10.5 mm; 1000 pieces on roll; yellow

Installation Notes

Application

Open Smart Printer.

Smart Printer is open.

Secure the appropriate roller in the printer.

Insert the entire core of the ink ribbon at the bottom.

Continued on next page

Application

Insert the empty core at the top and twist until the empty core has been completely wrapped.

Close Smart Printer.

Use the tear-off edge to remove the printed material.

Application

Loosen the center bar, loosen the wing and place material on the bar.

Secure the second wing on the center bar, resecure the bar in the housing and loosely attach guide rails to the material.

Application

Secure the material on the external unwinder.

Route material through the printer.

Guide the marker strip over the roller.

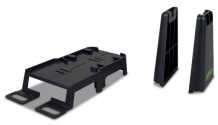
Loosely fit guide rails to the material.

Place unwinder and material centrally behind the printer.

External unwinder with sample material (item number 2009-110)

External unwinder with sample material (item number 2009-115)

Set of external unwinder



External unwinder (item number 258-5017)

Wing plates for external unwinder (item no. 258-5019)

Spindle for external unwinder (item number 258-5018)

Continued on next page

Application

Secure Bluetooth® (item number 258-5102) or WiFi Dongle (item number 258-5103) in the USB-A interface.

Download WAGO marking software and couple it to the desired printer in the print preview.

Optional use: Power bank 24 V (item number 258-5104)