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T-WUZ Optionen

1) tablet
2) two labels
3) relabeling light
4) relabel
5) notch detection and label 1 label
6) notch detection and label 2 labels
7) Distance calculation from 1 label to 2 label
8) Small Bottles
9) Transparent labels
10) Product overrun increase
11) Job data database
12) Countdown counter
13) Ink Jet Printer mounting set incl. start pulses for printer
14) Ink Jet Printer
15) Electronic dispensing edge adjustment

1 Tablet:

Brand	Samsung
Model/Series	SN-T510N
Storage capacity	32 GB
Item dimensions	L x W x H 14.9 x 0.7 x 24.5 cm
Color	Black
Item weight	454 grams
CPU manufacturer	Qualcomm
Mobile technology	3G
Screen resolution	1920 x 1200 pixels
Connectivity Type	WLAN, Bluetooth

to 1) Tablet:

Palpable quality, milled from one piece of metal, you get high quality at an affordable price with the Galaxy Tab A 10.1 (2019). The display and technical specifications make it a practical multimedia companion that is only 7.5 mm thin.

Strong performance on demand. Forget about how time flies, the Galaxy Tab A gives you enough power to do so. With the Galaxy Tab A 10.1 (2019)'s 6,150 mAh battery, you can enjoy hours of multimedia content without having to think about a power outlet

2 two labels:

- Software option (can be retrofitted at any time)
- Distance adjustable via the tablet
- Delay time of the inserted products adjustable on the tablet
- Firmware own development (can be adapted at any time)
- For this function, option 1 tablet must be available (or be ordered)

to 2) two labels:

Here, two labels are applied which are located on one carrier. Labeling works automatically after the retaining clip is closed. The roller motor starts first and the first label is applied shortly afterwards. The label sensor detects the gap between the labels and stops the label motor. After the set time (distance between the labels) the label motor starts again to dispense the second label.
The labeling process is finished by reading the next label gap. The roller motor is stopped after a run-on period. Now it can be started again.
The distance between the labels can be adjusted as desired on the tablet. The system also works with both labels of different size

3) Relabeling Light

- Mechanical and software option (can be retrofitted at any time).
- Distance adjustable via the tablet
- Duration of the inserted products adjustable on the tablet
- Firmware proprietary development (can be adapted at any time)
- For this function, option 1 tablet must be available (or be ordered)

to 3) Relabeling Light:

Relabeling light is the cost-effective form of relabeling. In this process, the product must be placed and positioned manually.
The start process is triggered with the start button (or foot switch). Re-labeling is needed when a second label needs to be applied to a product (bottle) that already has a label, or when two labels need to be applied to a product but the labels are on two different rolls.
However, this type of relabeling is recommended only for small runs.

4) Relabeling

- Mechanical and software option (can be retrofitted at any time)
- RGB sensor with teach-in function
- Distance adjustable via tablet
- Duration of the inserted products adjustable at the tablet
- Firmware own development (can be adapted at any time)
- for this function the option 1 tablet must be available (or be ordered)

to 4) Relabeling

During relabeling, a product that already has a label is applied. A special sensor now reads the position of the applied label and dispenses the second label with the set gap. This process works automatically regardless of how the product is positioned.

The distance between the labels can be set as required on the tablet. Re-labeling is needed when you need to apply a second label to a product that already has a label, or when you want to apply two labels to a product but the labels are on two different rolls.

5) Notch detection 1 label

- Mechanical and software option (can be retrofitted at any time).
- Sensor for notch detection
- Distance adjustable via the tablet
- Duration of the inserted products adjustable on the tablet
- Firmware proprietary development (can be adapted at any time)
- For this function, option 1 tablet must be available (or be ordered)

to 5) Notch detection 1 label:

In the case of notch detection, an additional sensor is mounted that detects the notch at the bottom of the bottle and thus positions the bottle with pinpoint accuracy. The settings are made on the tablet.
Notch detection is required when a label must be positioned precisely. For bottles, if there is an embossing on the neck or so that the transparent label is not stuck over the bottle seam.

6) Notch detection 2 labels

- Mechanical and software option (can be retrofitted at any time).
- Sensor for notch detection
- Distance adjustable via the tablet
- Duration of the inserted products adjustable on the tablet
- Firmware proprietary development (can be adapted at any time)
- For this function, option 1 tablet must be available (or be ordered)

to 6) Notch detection 2 labels

In the case of notch detection, an additional sensor is mounted that detects the notch at the bottom of the bottle and thus positions the bottle with pinpoint accuracy. The settings are made on the tablet.
Notch detection is required when a label must be positioned precisely. For bottles, if there is an embossing on the neck or so that the transparent label is not stuck over the bottle seam. In this function, the distances and positions of the two labels to each other can be set exactly via the tablet.

7) Distance calculation

- Software option (can be retrofitted at any time)
- Values adjustable via tablet
- Distance adjustable via the tablet
- Delay time of the inserted products adjustable via the tablet
- Firmware own development (can be adapted at any time)
- For this function, option 1 tablet must be available (or be ordered)

to 7) Distance calculation

When calculating the distance, the distance between the two labels is automatically calculated and the device is preset.

You only have to enter the diameter of the product and the two lengths of the labels and the gap is calculated automatically .

Since sometimes there can be rounding errors you can always change the value manually.

8) Small Bottle

- Mechanical option
- this option can be retrofitted at any time

to 8) Small Bottle

This option is intended for very small diameter products (18 mm -35 mm) and is a device to hold them in position and simplify insertion.

9) Transparent labels

- Mechanical option
- - Special sensor with teach-in function

to 9) Transparent labels

If transparent labels are processed, a special sensor is required that is also able to detect transparent labels. All other functions remain unchanged.

10) Caster increase

- Software option (can be retrofitted at any time)
- Values adjustable via the tablet
- Delay time of the inserted products adjustable on the tablet
- Firmware own development (can be adapted at any time)
- For this function, option 1 tablet must be available (or be ordered)

to 10) Caster increase

The overrun increase is used to rotate the product in the label head more often than in the normal overrun. This ensures that difficult materials and, in particular, transparent label stock are rolled on even better. This prevents wrinkles and the formation of bubbles.

11) Jobdata database

- Software option (can be retrofitted at any time)
- Values adjustable via tablet
- Firmware own development (can be adapted at any time)
- for this function option 1 tablet must be available (or be ordered)

to 11) Jobdata database

The order data option consists of a database. When a job is read out, all relevant data for a job is transferred from the database to the machine and the machine is preset. If the same job is processed on the machine more than once, the relevant data can now be written to the database using the Save job function.
The advantage of this option is that you do not have to completely reset the machine each time for frequently recurring jobs.
With the database, the data is read in and the machine is set, you only have to compensate for control and small tolerance errors. (Time saving).

12) Ink Jet Printer mounting set

- Mechanical and software option (can be upgraded at any time)
- mechanism for mounting the inkjet printer
- Start impulse for the printer is issued by the processor control
- Firmware proprietary development (can be adapted at any time)
- for this function the option 1 tablet must be available (or be ordered)

zu 12) Ink Jet Printer mounting set

This option is intended for the inkjet printer as an assembly unit. Furthermore, the start impulse is sent from the labeling machine to the printer, so no additional sensor is needed.
The printer can print expiration date, batch numbers, barcode, QR code or other on the labels.

13) Ink Jet Printer

• HHC 127 Hand Held Printer

to 13) Ink Jet PRINTER

This option is the inkjet printer used for coding. We recommend our HHC 127 printer as we can provide support for it.
If another printer model is used, we cannot provide support or guarantee that option 13 will match the printer.
If the option 13 does not match, it can be customized for a special service.

14) Electronic dispensing edge adjustment

- Software option (can be retrofitted at any time)
- Position adjustable via tablet
- Firmware own development (can be adapted at any time)
- for this function the option 1 tablet must be available (or be ordered)

to14) Electronic dispensing edge adjustment

With electronic dispensing edge adjustment, the label sensor is not manually adjusted to set the position on the dispensing edge, but the position is performed electronically on the tablet.