

Zebra TC-52x with Drägerware.App Software for Workshop Management

The system solution Zebra TC-52x with Drägerware.App enables simple and convenient management of equipment inventories, particularly for users in the fire service, chemical industry, and oil & gas segments.



Benefits

Functionality and design

The system solution Zebra TC-52x with Drägerware.App is suitable for a wide range of applications and makes it easy to track and manage your fleet of devices and other inventories. The compact device is optimised for Drägerware.Workshop Software users. The integrated barcode reader in the touch computer captures 1D and 2D barcodes and simplifies everyday tasks: Clunky data entry and typing mistakes are a thing of the past. The bright, 5-inch display (1,920 x 1,080 pixels) with touchscreen functionality is also easily legible in daylight, is non-reflective and can be operated with gloves.

Robust device, long-lasting battery

The Zebra TC-52x touch computer is resistant to water, dust and impact (IP68 and IP65 with battery according to the latest IEC specification for sealing). In addition, its rugged, rubber cover protects it against impact and is in line with the MILSTD-810G standard. Operating temperatures range from -20 °C to +50 °C. Moreover, the 4,150 mAh battery offers up to 10 hours of uninterrupted data access. The battery can easily be changed during use, making it easy to recharge.

Camera and Bluetooth included as standard

This system solution is an ideal tool for uninterrupted documentation of your work. Photo-documentation allows you to record every inspection visually. This way, you can record optical anomalies and visible faults unambiguously. The 13 megapixel camera is supported by an LED light so that tests can be photo-documented even under poor lighting conditions. An external RFID scanner can be connected via the integrated Bluetooth interface as an alternative to the barcode reader.

Mobile working – anytime, anywhere

Since it works without a network connection, the smart Drägerware.App keeps the device's data from the Drägerware database on hand locally. This means the device is fully functional even in the field or in remote locations.

Network access is only needed for synchronising. Simply dock the device in the docking station, and synchronisation starts automatically. After that, a synchronisation starts every ten minutes for as long as the device is docked. The app synchronises the data with the Drägerware server via the network. Alternatively, synchronisation can be started manually via W-LAN. No additional computer is needed.

Setting up and editing the equipment

Using the Drägerware.App, devices can be configured as new datasets, e.g. immediately upon delivery. Equipment that is already registered can of course be reconfigured at any time, for example, changing the location of the device anytime. With this functionality, a device can also be flagged as out-of-service or removed from the fleet.

Benefits

Setting and changing locations

You can set new locations right on site and assign them with their own barcode. Devices already existing as a dataset can immediately be logged to its specific location. Using the additional "Change location" authorisation, users with read-only rights can also change the location.

Inspection and collective inspections

The test results and any test values (like equipment's operating hours) can be collected based on the selected test purpose (for example, an annual inspection). This enables you to document inspections of fixed equipment (pumps, shut-off valves, etc.) on-site, immediately after testing. For batch inspections, devices/items are initially scanned and their respective inspection results are recorded according to the inspection type selected. Collective testing is ideal for internal safety inspections of fire extinguishers and rescue equipment, as well as for external audits (such as TÜV auditing).

Collective change and location swapping

During collective change, devices/objects are scanned first and then the various fields can be changed (except for the identification fields). This enables you to change the location of multiple objects (such as gas cylinders) using one simple procedure. Whenever you need to swap the location of one device with another, use the optimised location swap and all you have to do is scan the devices, without having to select a location.

Inventory with cargo list

The cargo list can be used to manage your entire fleet of devices. For example, you can display all objects that are booked on one vehicle. Objects that have currently not been scanned or marked manually will be shown separately.

Recording replacement parts during testing

When setting up a test, replacement parts and activities can also be recorded. This recording is simplified compared with Workshop. Only the quantity, unit and sum can be entered. Other data must be input in Workshop afterwards.

Recording and editing defects

Drägerware.Workshop 7000 and 9000 offer you the following extra functionalities: In the app, you can now view, create and change recorded defects in devices. Only the basic fields are available. The defect number will only be issued during synchronisation, so it is not displayed.

Benefits

Logging in using the barcode

For logging in, the user can simply use their own barcode (barcode identification).

Zebra TC-52x is a brand of ZIH Corp.

System Components



D-3417-2019

Drägerware.Workshop Software 5000/7000

Simply better organised: With its extraordinary degree of flexibility, Drägerware.Workshop Software is the ideal complete solution for workshop management. The innovative, user-friendly software solution provides more transparency, improved processes and increased efficiency.



D-3395-2019

Drägerware. Workshop Software 9000

For an optimum overview and precise control: The Drägerware Workshop Software 9000 is the ideal solution for your efficient workshop management. Its innovative and user-friendly software ensures transparent and easy to understand processes. It streamlines your processes and features new modules as well as having various functional enhancements.

Technical Data

Zebra TC-52x Set

Dimensions (W x D x H)	75.5 x 155 x 18.6 mm (handset only, without grip and cover)
Display	5-inch (1,920 x 1,080)
Weight	approx. 249 g (handset only, without grip and cover)
Operating temperature	-20°C to +50°C
Battery performance	Li-ion battery, up to 10 hours
Included in delivery	<ul style="list-style-type: none"> – Zebra TC-52x handheld device with integrated barcode reader – Pistol grip – Protective cover – Docking station with Ethernet connection – Power supply
System requirements	Android version 10 operating system
Support and maintenance	The app was developed and tested for Zebra TC-52x. For other devices, Dräger can only provide support with advance notice and written consent.
Requirements for the Drägerware.App	A valid maintenance contract for the Drägerware.Workshop 5000, 7000 or 9000. An annual licensing fee is charged for the app.

Ordering Information

Product	Order number
Zebra TC-52x Set	37 01 050
Included in the set	
Zebra TC-52x computer	37 19 727
Zebra LAN docking station	37 19 728
Zebra trigger handle	37 01 055
USB type C cable	37 00 418

Notes

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