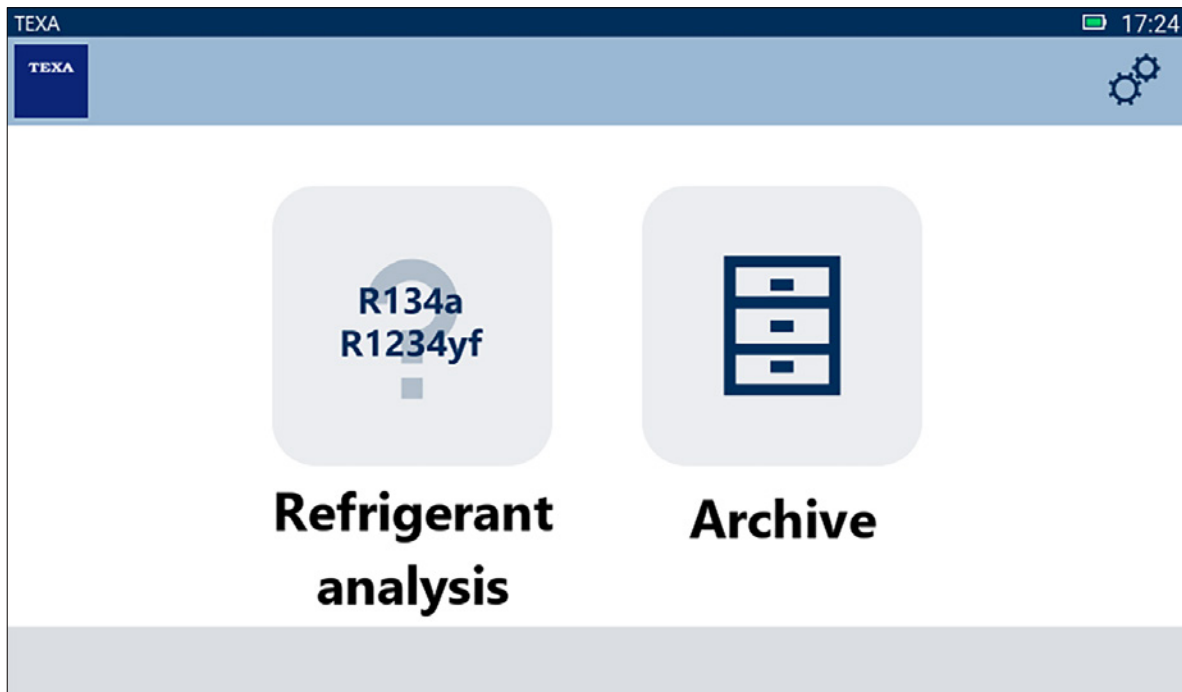


# TXR ID

## OPERATING MANUAL



**TEXA**

ENGLISH.....5



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## 1 REVISION OF THE MANUAL

This document is the operating manual for the product: TXR iD

Document Review Number: 03

Date of Issue: 26/06/2024

### INFORMATION



*Read this manual before using the product.*

*Read the documents carefully whenever the General Risk symbol is shown.*

## 2 INTRODUCTION

Dear Customer,

We would like to thank you for choosing a TEXA product for your workshop.

We are certain that you will get the greatest satisfaction from it and receive a great deal of help in your work.

Please read through the instructions in this manual carefully and keep it for future reference.

Reading and understanding the following manual will help you to avoid damage or personal injury caused by improper use of the product to which it refers.

TEXA S.p.A reserves the right to make any changes deemed necessary to improve the manual for any technical or marketing requirement; the company may do so at any time without prior notice.

This product is intended for use by technicians specialised in the automotive field only. Reading and understanding the information in this manual cannot replace adequate specialised training in this field.

The sole purpose of the manual is to illustrate the operation of the product sold. It is not intended to offer technical training of any kind and technicians will therefore carry out any interventions under their own responsibility and will be accountable for any damage or personal injury caused by negligence, carelessness, or inexperience, regardless of the fact that a TEXA S.p.A. tool has been used based on the information within this manual.

Any additions to this manual, useful in describing the new versions of the program and new functions associated to it, may be sent to you through our TEXA technical bulletin service.

This manual should be considered an integral part of the product to which it refers. In the case it is resold the original buyer is therefore required to forward the manual to the new owner.

Reproduction, whole or in part, of this manual in any form whatsoever without written authorization from the producer is strictly forbidden.

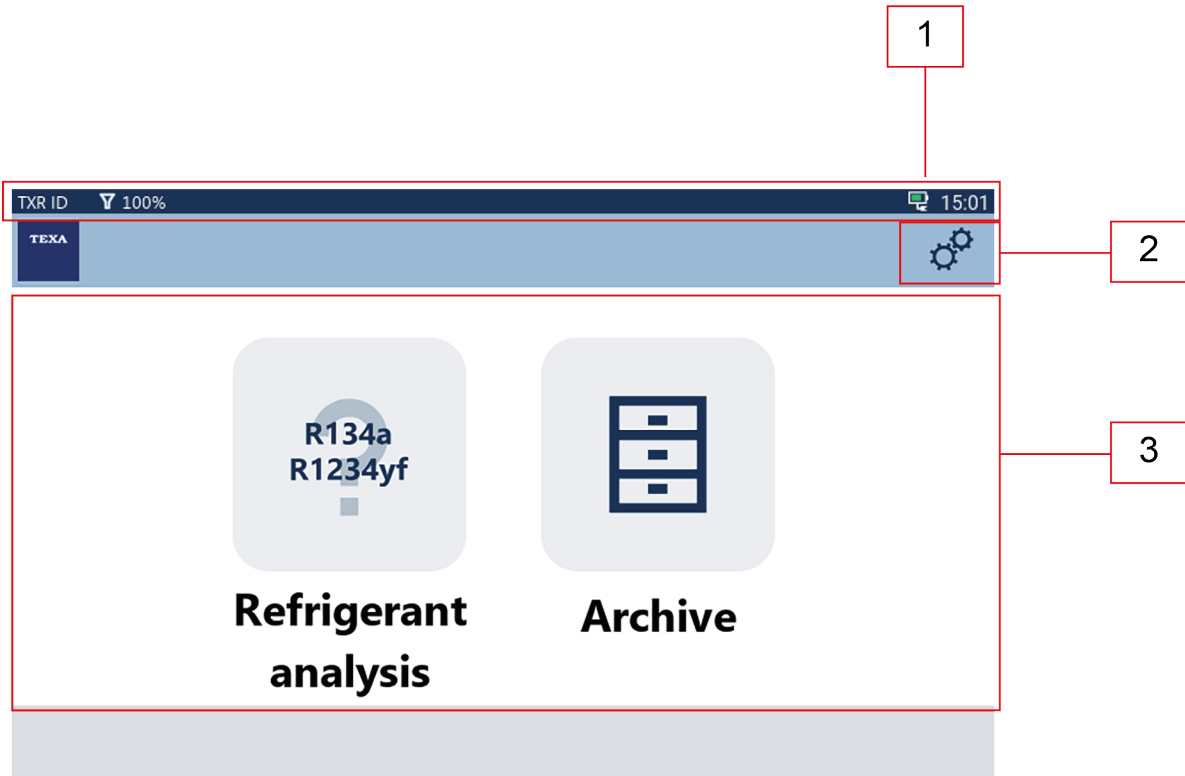
The original manual was written in Italian, every other language is a translation of the original manual.

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### 3 HOME

The software installed in **TXR iD** makes it extremely easy to analyse the purity of the gas in a vehicle's A/C system or contained in storage cylinders.

The screen below is the software **HOME** screen.



The screen is divided into:


1. *Status bar;*
2. *Settings menu;*
3. *Function menu.*

#### INFORMATION

*When it is first started, the software is locked.*

*To unlock the software you must enter the specific activation code.*

*Proceed as follows:*

1. Press 
  2. Follow the instructions provided in the Activation chapter.
- For further information, contact your retailer.*






### 3.1 Status bar

The status bar displays information regarding:

- *Wi-Fi connection;*
- *tool battery;*
- *air filter wear.*

#### **Wi-Fi CONNECTION**





The status of the Wi-Fi connection is indicated by a specific icon.

Icon	Description
	The tool is NOT connected to the workshop's Wi-Fi network.
	The tool is connected to the workshop's Wi-Fi network.
	The tool is connected to the workshop's Wi-Fi network and updates are in progress.

#### **BATTERY**

The battery charge status is indicated by the colour of a specific icon.

The battery charge status determines the operations (ex.: print via local printer) allowed.

Icon	Colour	Analysis	Print with:		Notes
			network printer	local printer	
	green	Allowed	Allowed	Allowed	--
	yellow	Allowed	Allowed	Not allowed	--
	red	Allowed	Allowed	Not allowed	We recommend charging the tool.
	variable	Allowed	Allowed	Allowed	The colour of the icon depends on the battery charge status when the power adapter is connected and varies until becoming completely green when the charging is complete.

**INFORMATION**

*The tool cannot work properly below a certain battery charge limit value.*


*When this value is reached the tool displays a specific screen for a few seconds requiring to charge the tool.*

*When the screen disappears, the tool turns off.*

*The shutdown causes the interruption of any activity in progress and the non-stored data is lost.*

**AIR FILTER**

The software constantly keeps under control the degree of the air filter wear.

Icon	Description
	The degree of the air filter wear is indicated by the percentage value displayed by the software beside the icon.
	The percentage value is inversely proportional to the filter wear. Ex.: <ul style="list-style-type: none"> <li>• <i>New filter: 100 %</i></li> <li>• <i>Worn-out filter: 0 %</i></li> </ul>

**INFORMATION**


*The software warns of the need to replace the air filter through a specific message.*



**For further information on the filter replacement procedure see the tool's technical manual.**



### 3.2 Settings menu

The icons within this menu allow you to access the available settings.

Icon	Name	Description
	Settings	It allows you to configure the operating parameters for the software and the measuring tool.

### 3.3 Functions menu

The icons within this menu allow you to access the available functions.

Icon	Name	Description
	Refrigerant Analysis	It allows you to analyse the purity of the refrigerant gas.
	Archive	It allows displaying the reports of the analyses performed. The available storage space allows 10 reports. The subsequent reports will overwrite the oldest ones.

## 4 REFRIGERANT ANALYSIS

This function allows you to analyse the purity of the refrigerant gas in the vehicle's A/C system or contained in storage cylinders.

### NOTICE

Before starting the refrigerant analysis, be sure to prepare the tool properly as indicated in the Technical Manual.

Proceed as follows:

1. Press



If the air filter is worn out (0 %), the software recommends replacing it.



We recommend replacing the filter.

Press CONFIRM to proceed with the analysis.

Exit

Confirm

### INFORMATION

*The non-replacement of the air filter does not block the refrigerant identification process.*

*However it is strongly recommended to carry out the procedure indicated in the technical manual.*

*Using a worn-out filter may compromise the correctness of the identification.*

*See the Filter Reset chapter for further information on the air filter replacement.*

2. Press **CONFIRM** if you intend proceeding with the identification anyway.

3. Follow the instructions that appear on screen.



Disconnect the LP coupler from the vehicle.  
Press **START** to begin the analysis.



4. Press **START**.

## INFORMATION

*If needed, the tool starts the heating procedure.*

*During the procedure, it is not possible to run any type of analysis.*

*The software blocks all unallowed operations.*

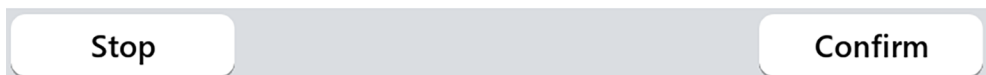
5. Wait for the software to complete the tool's autozero procedure.

6. Follow the indications that appear on the display.



**Autozero complete.**  
Connect the LP coupler to the vehicle and tighten it.

Press **CONFIRM** to continue

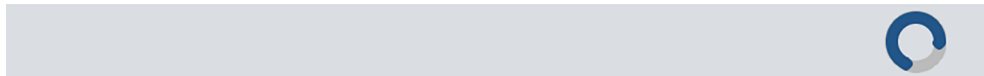


7. Press **CONFIRM**.

The analysis procedure begins.



Refrigerant analysis in progress...  
Please wait.



8. Wait for the procedure to end.
9. Follow the indications that appear on the display.



Disconnect the LP coupler from the vehicle.



10. Press **CONFIRM**.

The analysis result is displayed.



**Refrigerant analysis completed  
GAS NOT PURE**



The icons on this screen have the following functions:

<b>Icon</b>	<b>Function</b>
<b>EXIT</b>	it allows exiting from the analysis and returning to the HOME screen.
<b>TRY AGAIN</b>	it allows repeating the analysis if it is not successful.
<b>PRINT</b>	it allows printing the report of the analysis that has been performed.
<b>SAVE</b>	it allows saving the report of the analysis that has been performed.

## 4.1 Save

This function allows you saving the report of the analysis that has been performed. Proceed as follows:

1. Press **SAVE**.

The screenshot shows a software interface with a dark blue header bar containing 'TXR ID', a battery icon at 100%, and the time '15:01'. Below the header is a light blue bar with the 'TEXA' logo and the title 'Customer data'. The main area contains two input fields: 'Customer:' and 'Make:'. At the bottom, there is a grey bar with three buttons: 'Exit', 'Print', and 'Save'.

2. Enter the required data.

### INFORMATION

*To store, at least one of the suggested fields must be filled in. Otherwise, by pressing SAVE the software displays an error message and automatically returns to the data input screen.*

3. Press **CONFIRM**.

The screenshot shows a software interface with a dark blue header bar containing 'TXR ID', a battery icon at 100%, and the time '15:01'. Below the header is a light blue bar with the 'TEXA' logo and the title 'Refrigerant analysis - Save'. The main area displays the text 'Result saved correctly' and a large green checkmark icon. At the bottom, there is a grey bar with a 'Confirm' button.

**Result saved correctly**



Confirm

### INFORMATION

*The available storage space allows 10 reports. The subsequent reports will overwrite the oldest ones.*



## 5 ARCHIVE

This function allows viewing the stored analysis reports.

The search can be done by:

- *licence plate number;*
- *customer name;*
- *date;*
- *vehicle make or model.*

### INFORMATION

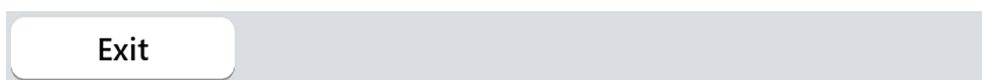
The search function is case sensitive, that is it considers as different two or more words only due to the fact that they are written with capitol or lowercase letters.

Proceed as follows:

1. Press



plate number, customer, date, make or model:

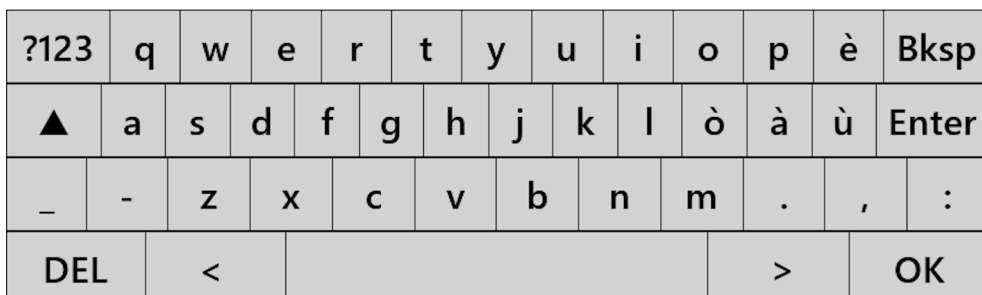


2. Enter a search key (ex.: customer name) in the specific field.



Enter licence plate number, customer, date, m:

MARIO ROSSI



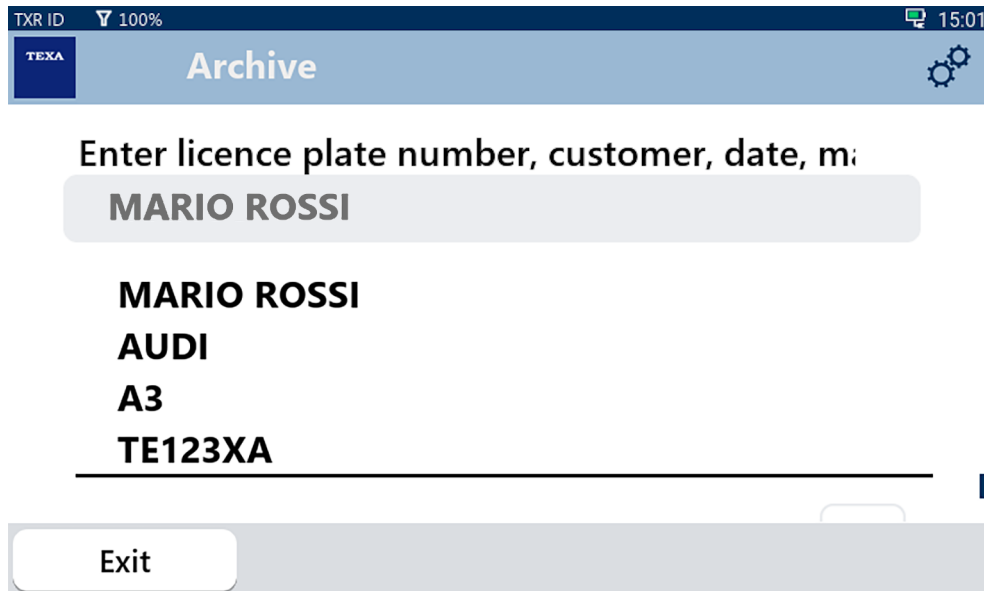
3. Press **OK**.

## INFORMATION

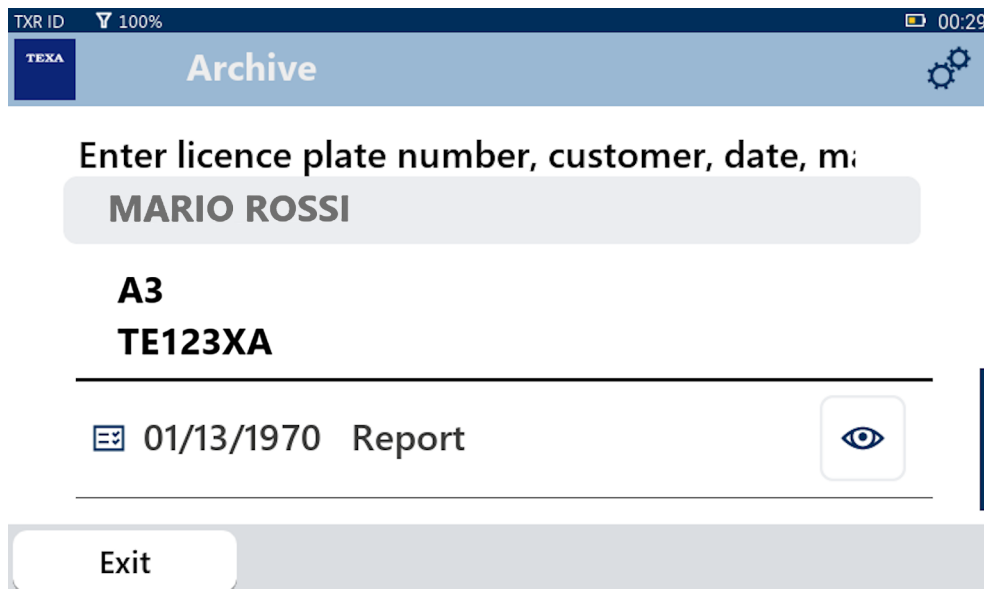
The complete list of saved reports can be viewed.  
Proceed as follows:

1. Do not enter any data in the search field.
2. Press **Bksp**.

4. The result of the search is displayed.



5. Scroll the screen down until reaching the desired report.



6. Press .

The report is displayed.

The screenshot shows a software interface for a report. At the top, a dark blue header bar contains 'TXR ID', a dropdown arrow, '100%', and a clock showing '15:01'. Below this is a light blue bar with the 'TEXA' logo on the left, the word 'Report' in the center, and a gear icon on the right. A small 'TEXA' logo is also centered below the header. The main content area is a white box with a black border, titled 'Refrigerant analysis'. It is divided into two columns: 'Workshop info:' and 'Customer data:'. The 'Workshop info:' column contains 'Company name: TEXA S.p.A.' and 'Address:'. The 'Customer data:' column contains 'Customer: MARIO ROSSI' and 'Make:'. At the bottom of the report box, there are two buttons: 'Exit' on the left and 'Print' on the right.

Refrigerant analysis	
<b>Workshop info:</b>	<b>Customer data:</b>
Company name: TEXA S.p.A.	Customer: MARIO ROSSI
Address:	Make:

Exit Print

## 6 PRINT

This function allows you to print the reports of the performed analyses using the thermal printer or network printer.

The function is available:

- at the end of the analysis, when the result is displayed;
- after viewing the preview of a report stored in the archive.

### INFORMATION

*The thermal printer is an accessory that can be purchased separately.*

*In the software the printer is indicated as: "Local printer".*

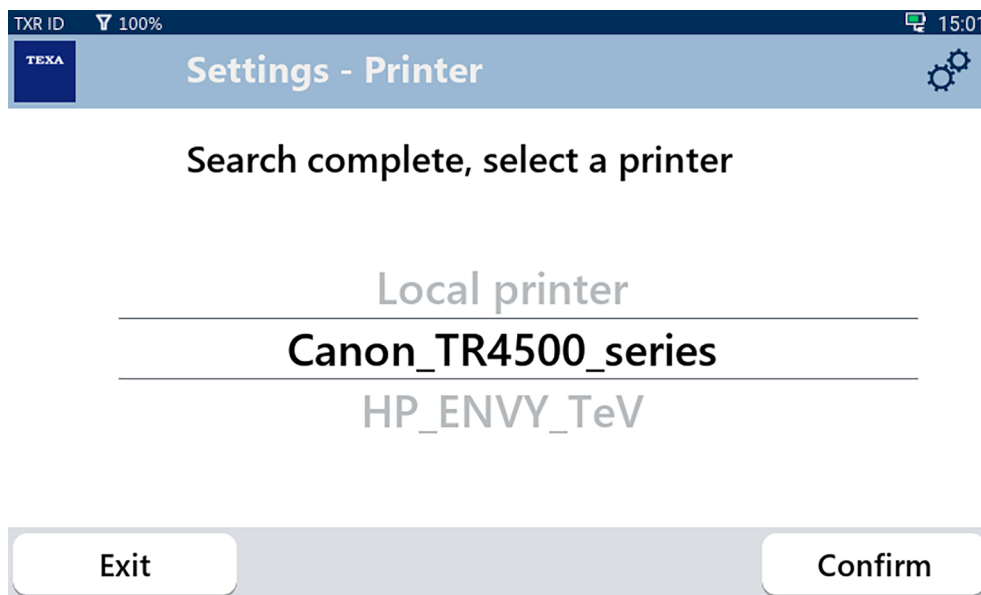
### INFORMATION

*The tool is only able to detect and print through the driverless printers in the same Wi-Fi network it is connected to.*

Proceed as follows:

#### 1. Press **PRINT**.

The list of available printers is displayed.



#### 2. Select the desired printer.

#### 3. Press **CONFIRM**.

The printer has been started.



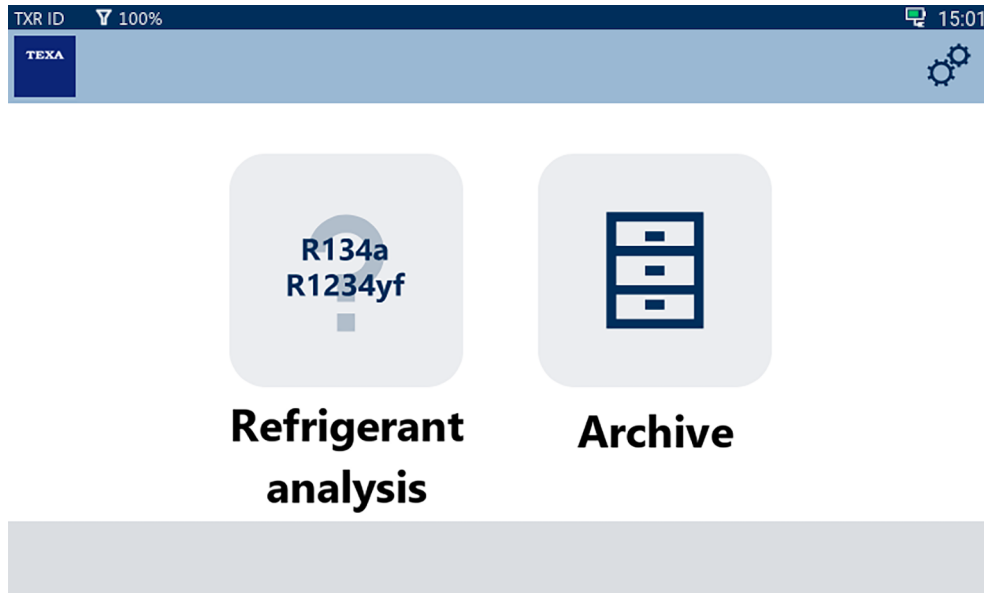
**For further information on the installation of the thermal printer, refer to the Technical Manual.**

## 7 SETTINGS

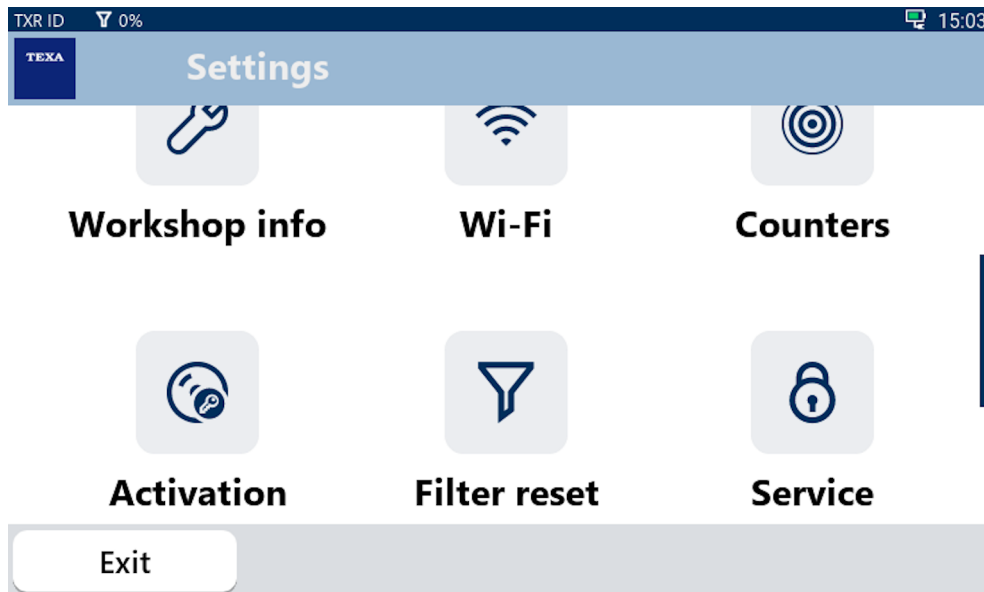
The icons within this menu allow you to access the functions and settings available for the tool.

Proceed as follows:













1. Press 



The **Settings** menu is displayed.




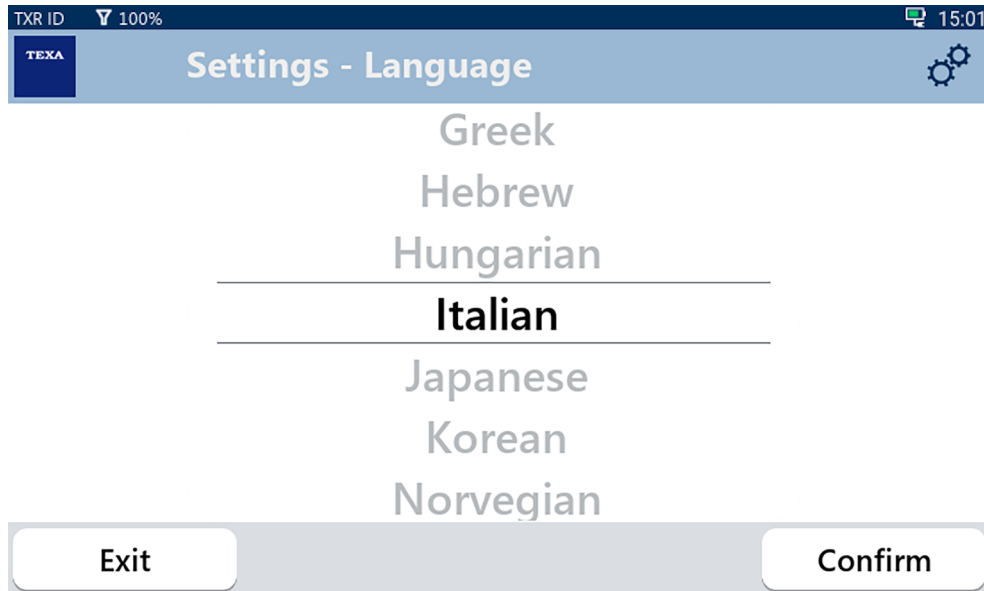
The icons in this menu allow:

Icon	Name	Description
	Language	It allows you to change the display language of the software.
	Date	It allows setting the date of the country where the tool is used.
	Time	It allows setting the time of the time zone of the country where the tool is used.
	Workshop Info	It allows entering the workshop information.
	Wi-Fi	It allows configuring the connection between the tool and the workshop's Wi-Fi network.
	Counters	It allows displaying the counters related to the use of the tool.
	Activation	It allows you to activate the software.
	Filter reset	It allows starting the air filter counter reset procedure.
	Service	It allows you to access the customer service functions. <b>These functions must be used only if indicated to do so by the Technical Assistance.</b>
	Info	It provides information on the software version and allows you to check for updates.
	Keyboard	It allows you to set the desired keyboard to use.
	Brightness	It allows you to adjust the display brightness.

## 7.1 Language

This function allows changing the language in which the software is displayed.  
Proceed as follows:

1. Press 



2. Select the desired language.
3. Press **CONFIRM**.

## 7.2 Date

This function allows setting the date of the country where the tool is used.  
Proceed as follows:

1. Press



Month	Day	Year
11	05	2048
12	06	2049
<b>01</b>	<b>07</b>	<b>2050</b>
02	08	2000
03	09	2001

Exit Confirm


2. Set the correct date.

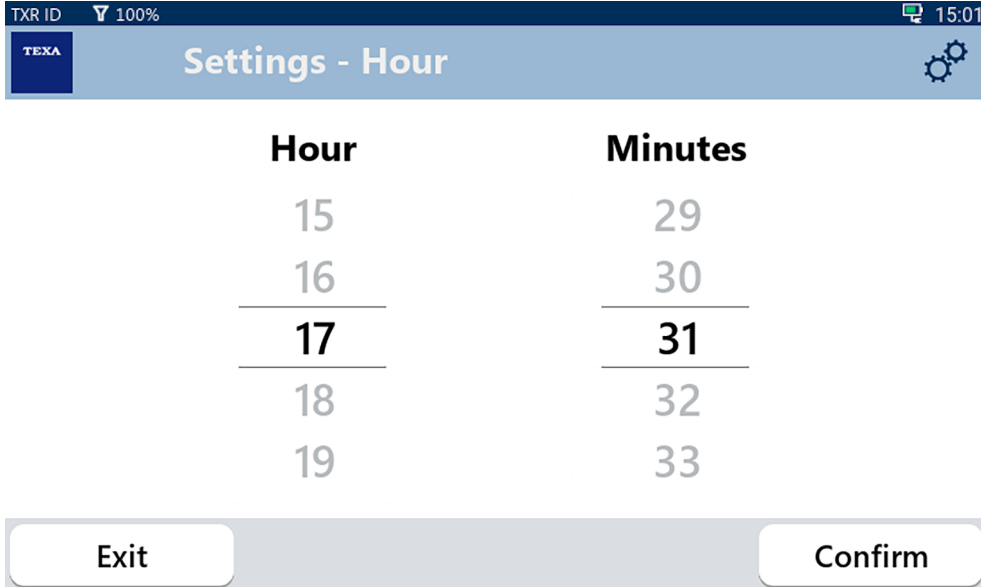
3. Press **CONFIRM**.



### 7.3 Time

This function allows setting the time of the time zone of the country where the tool is used. Proceed as follows:

1. Press 



Hour	Minutes
15	29
16	30
<b>17</b>	<b>31</b>
18	32
19	33


Exit Confirm

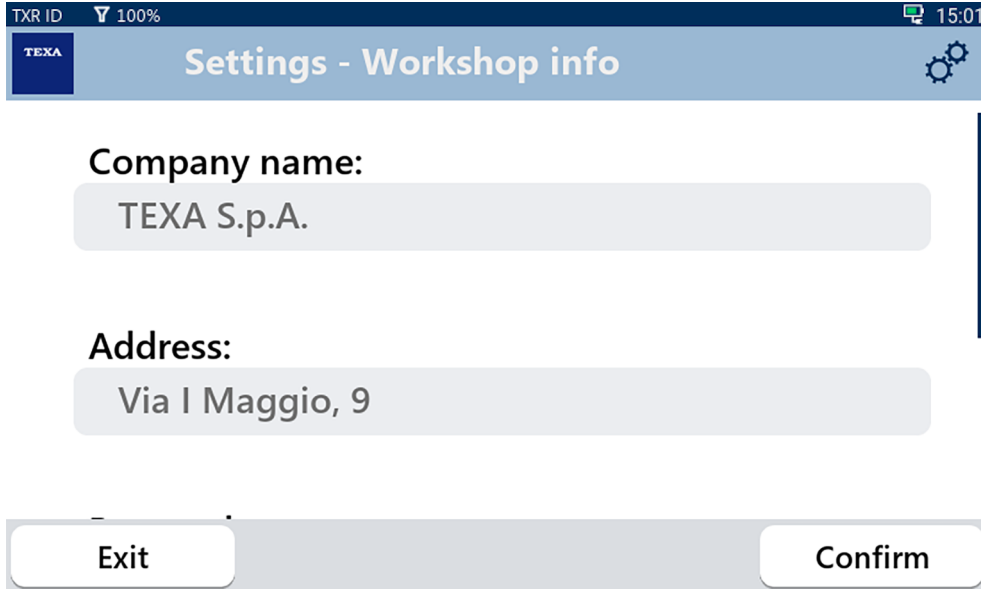
2. Set the correct date.
3. Press **CONFIRM**.

## 7.4 Workshop Info

This function allows entering the workshop information.

Proceed as follows:

1. Press 
2. Select the desired field.
3. Use the on-screen keyboard to enter the requested data.
4. Press OK to confirm the entered data.



The screenshot shows a mobile application interface for entering workshop information. The title bar at the top reads "Settings - Workshop info" and includes a gear icon. The status bar at the top left shows "TXR ID" and "100%", and the top right shows "15:01". The main content area has two input fields: "Company name:" with the text "TEXA S.p.A." and "Address:" with the text "Via I Maggio, 9". At the bottom, there are two buttons: "Exit" and "Confirm".

5. Repeat the described operations for all the fields.
6. Press **CONFIRM**.

### INFORMATION

*The data entered appears in the report of the analyses performed.*

## 7.5 Wi-Fi

This menu allows configuring the connection between the tool and the workshop's Wi-Fi network.

### INFORMATION

*The tool is compatible with the smartphone Tethering / Hotspot Wi-Fi networks.*

*For further information see the smartphone's manual.*

Proceed as follows:

1. Press 



Search for available networks

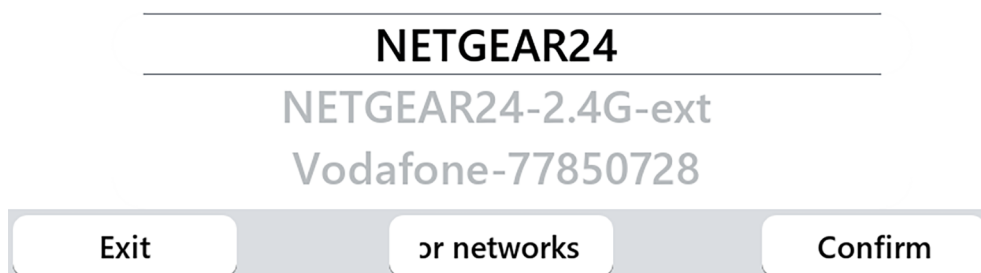


2. Press **SEARCH FOR NETWORKS**.

3. Select the desired Wi-Fi network.



Search complete, select a network:



4. Press **CONFIRM**.

The Wi-Fi network configuration is complete.



ANALYSER CONNECTED TO  
NETGEAR24




5. Press **EXIT**.

## 7.6 Counters

This function allows displaying the counters related to the use of the tool.

The number of autozeros carried out allows determining the number of identifications performed and the possible need to replace the air filter.

No. of autozeros carried out		Filter status
0	100 %	new
1000	0 %	worn-out

### INFORMATION

*When the counter indicates 1000 autozeros carried out, the software warns of the need to replace the air filter through a specific message.*

*The non-replacement of the air filter does not block the refrigerant identification process.*

*However it is strongly recommended to carry out the procedure in the technical manual indicated below.*

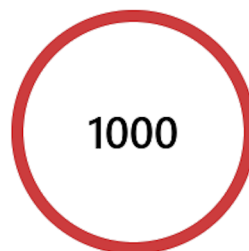
*Using a worn-out filter may compromise the correctness of the identification.*

Proceed as follows:

1. Press



Autozeros carried out



Exit

2. Press **EXIT**.

## 7.7 Activation

This menu allows you to activate the software installed in the tool.

### INFORMATION

*In order for the software to start properly, it must be purchased and then activated using the specific code.*

*Proceed with the activation only if it has NOT been already carried out during the first installation.*

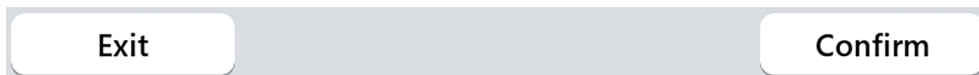
*For further information, contact your retailer.*

Proceed as follows:

1. Press



**Analyser not activated.  
Press CONFIRM to activate.**



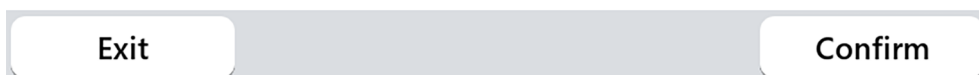
2. To proceed with the activation, press **CONFIRM**.
3. Communicate the activation code to your retailer.
4. Enter the counter-code provided by the retailer.



**Activation code:**

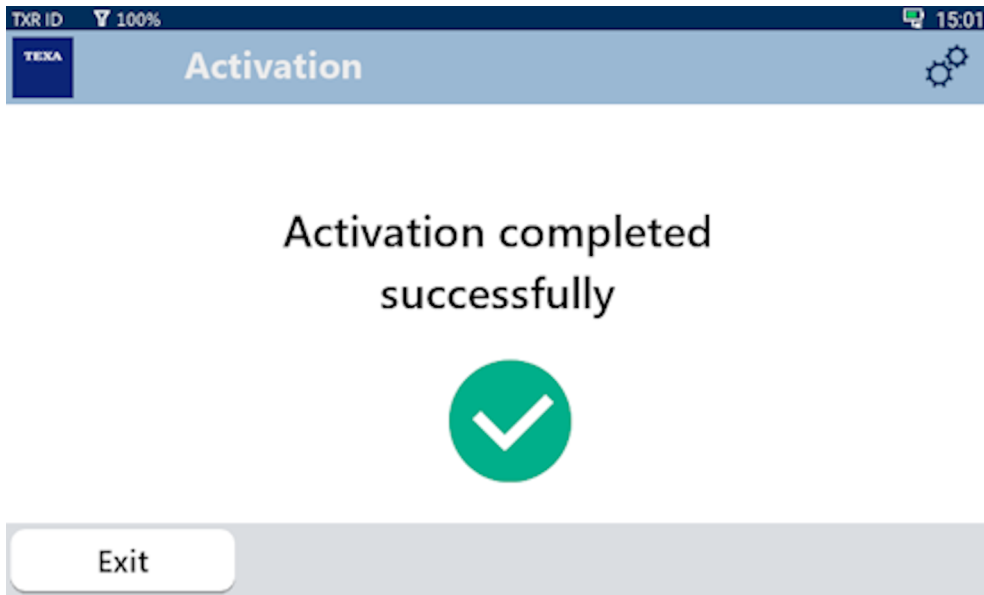
AB8AT000015

**Countercode:**



5. Press **CONFIRM**.

The tool is activated.



6. Press **EXIT**.

## 7.8 Filter Reset

This function allows starting the air filter counter reset procedure.

### INFORMATION

*The procedure must be carried out when the air filter is replaced. The non-replacement of the air filter does not block the refrigerant identification process.*

*However it is strongly recommended to carry out the procedure in the technical manual indicated below.*

*Using a worn-out filter may compromise the correctness of the identification.*

Proceed as follows:

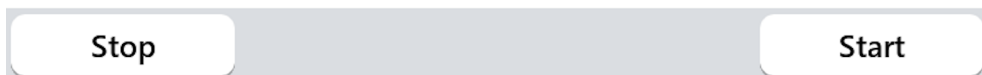
1. Replace the air filter following the instructions indicated in the technical manual.

2. Press



Press **START** to begin the reset procedure.

Press **STOP** to interrupt.



3. Press **START**.



4. The filter reset procedure is complete.



Filter reset procedure completed



5. Press **CONFIRM**.

## 7.9 Service

This menu allows you to access the customer service functions.

### NOTICE

This function must be used only if indicated to do so by the Technical Assistance.

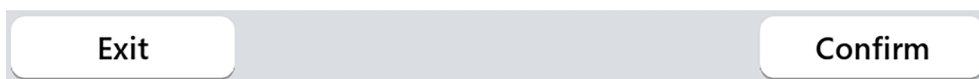
Proceed as follows:

1. Press



Enter the password:

Password:

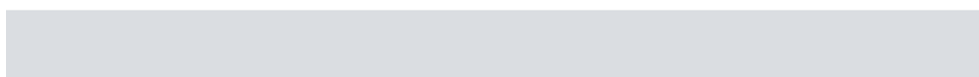


2. Enter the password:1236

3. Press **CONFIRM**.





**Parameters**

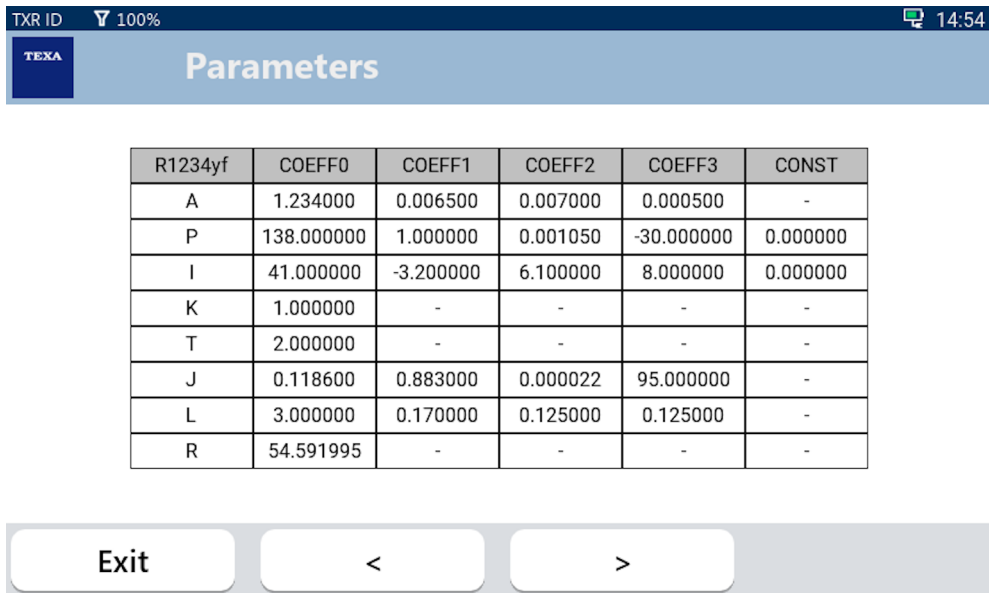


The icons in this menu allow:

Icon	Name	Description
------	------	-------------

	Parameters	It allows displaying a series of parameters useful for the Technical Assistance to check the tool's proper operation.
---	------------	---

4. Press .



TXR ID 100% 14:54

**Parameters**

R1234yf	COEFF0	COEFF1	COEFF2	COEFF3	CONST
A	1.234000	0.006500	0.007000	0.000500	-
P	138.000000	1.000000	0.001050	-30.000000	0.000000
I	41.000000	-3.200000	6.100000	8.000000	0.000000
K	1.000000	-	-	-	-
T	2.000000	-	-	-	-
J	0.118600	0.883000	0.000022	95.000000	-
L	3.000000	0.170000	0.125000	0.125000	-
R	54.591995	-	-	-	-

Exit < >

## INFORMATION

*The displayed parameters cannot be changed.*

5. Press **EXIT**.

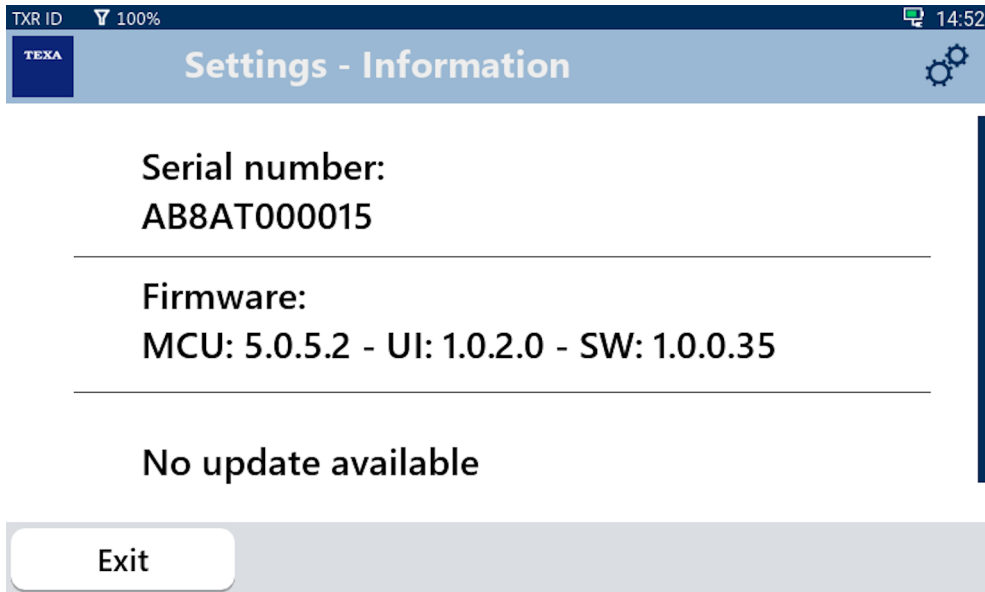
## 7.10 Info

This menu provides information on the software installed in the tool, such as:

- *Serial number;*
- *Firmware version;*
- *Available updates.*

Proceed as follows:

1. Press

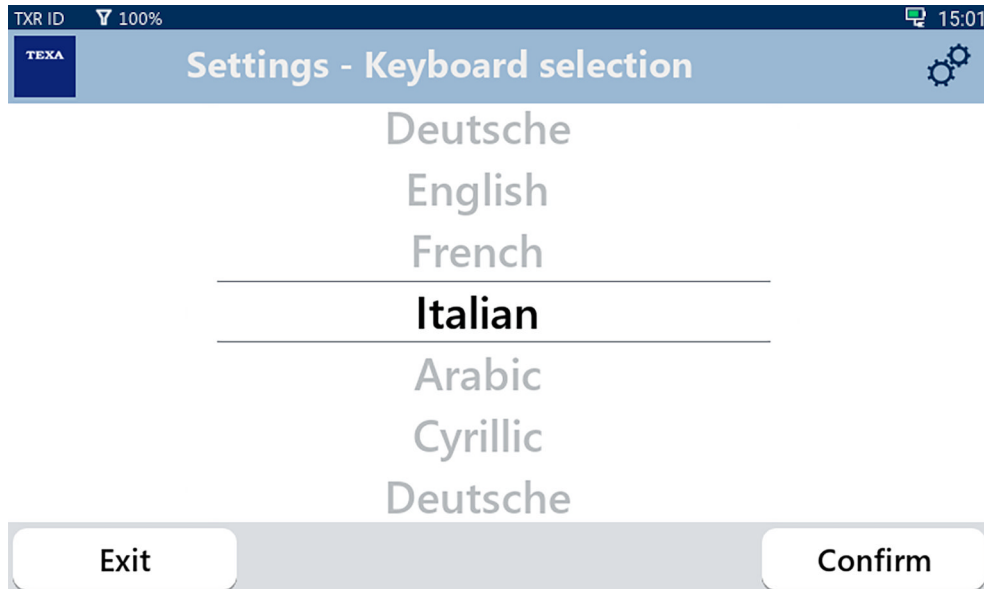


2. Press **EXIT**.

## 7.11 Keyboard

This menu allows you to set the type of keyboard to use when requested by the software. Proceed as follows:

1. Press




2. Select the type of keyboard.

3. Press **CONFIRM**.

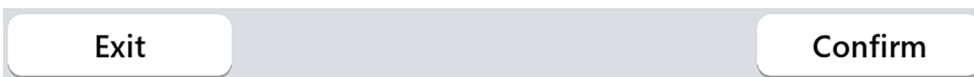
## 7.12 Brightness

This menu allows you to adjust the display brightness.  
Proceed as follows:

1. Press 



Move the cursor to change the brightness.  
Press CONFIRM to save.



2. Move the cursor to set the brightness at the desired value.
3. Press **CONFIRM**.

## 8 UPDATE

The software in the tool updates automatically.

### NOTICE

The tool must be connected to a Wi-Fi network that can access Internet to check if updates are available and eventually download them.

It is important to guarantee that the download and installation of the update can be completed without interruptions.

For this purpose:

- Keep the tool on and powered through an external power adapter throughout the entire duration of the update (download and installation).
- Keep the tool connected to the Wi-Fi network throughout the entire duration of the download.

The tool checks for updates available to be downloaded at each power on.

The download of available updates starts automatically.

The download in progress is indicated through the icon .

### INFORMATION

*The tool can continue to be used normally while the update is being downloaded.*

*The progress of the download can be checked by pressing SETTINGS > Wi-Fi.*

The software requires installing the update at the subsequent restart of the tool.



Update available.

- 1). Press CONFIRM to install.
- 2). Press EXIT to continue.

Exit

Confirm

Press **CONFIRM**.

## INFORMATION

*No analyses or other operations can be carried out with the tool during the installation.*

*In some cases the software restarts the tool automatically at the end of the installation.*