# CominoxReader

# **USER LICENCE & MANUAL**



### FOREWORD

This document must be considered an integral part of the software, and must always be available to users.

All operators are responsible for reading this manual and for strictly complying with the instructions and information it provides. **COMINOX** is not liable for any damage to people, things, or the sterilizer itself in the event that the operator fails to comply with the conditions described in the manual.

These instructions are confidential and the customer may not disclose any information to third parties. Further, this documentation and its attachments may not be tampered with or modified, copied, or ceded to third parties without authorization from **COMINOX**.

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### **USER LICENCE**

#### Important

The Monitor Program CominoxReader and related documentation are the property of **COMINOX** and are protected by international copyright laws and treaties as well as other intellectual property laws and treaties.

The program is licensed on a non-exclusive basis, not sold. **COMINOX** shall remain the owner of this copy of the program.

#### Use

The program can be used on only one computer that belongs to or is being used by the Customer.

The program may in no case be used on more than one computer.

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- copying, changing, altering or transferring electronically or otherwise the program or related documentation;
- decoding, decompiling or reverse engineering the program;
- renting, leasing or loaning the program;
- transferring the program in its entirety to a third party.

#### **Limited Warranty**

For a maximum of 90 days from the date of purchase, **COMINOX** warrants that the product will be free from defects in materials or packaging and that it will operate substantially as described in the documentation.

Except as guaranteed above, the product is provided "as is".

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#### Applicable Laws and Court of Jurisdiction

The unenforceability of one of the laws in this contract shall not prejudice the enforceability of the others.

This contract is governed by the laws of Italy.

### INSTALLATION

CominoxReader allows you to transfer cycles and maintenance archives on your computer through the PC SterilCard reader. The package includes:

- User licence & manual;
- Installation CD-ROM;
- USB safety key;
- PC SterilCard reader;

This document is also on the CD-ROM in PDF format.

#### Minimum PC system requirements

Processor	Pentium 4
Processor speed	1 GHz
RAM	512 MB
Free disk space	50 MB
Operating system	Windows 2000/ XP/ Vista
Screen resolution	1024 x 768 pixel
USB ports	2 USB

#### Program installation

Connect the PC SterilCard reader to a USB port of the PC and proceed with the installation procedure for this device.

Insert the installation CD-ROM, start dotnetfx.exe and follow the instructions that appear on the screen. Then start CominoxReader-VXX.exe and follow the instructions that appear on the screen.

When installation is complete, CominoxReader appears in the program list on the START MENU.

Insert the USB safety key and proceed with the installation procedure for this device.

Then the installation is complete and you can run the CominoxReader.

#### PC SterilCard reader installation

Insert the PC SterilCard reader in a USB port of the computer. Windows will start the new hardware installation:

Installazione guidata nuovo l	hardware
	Installazione guidata nuovo hardware Verrà effettuata una ricerca di software attuale e aggiornato nel computer, nel CD di installazione dell'hardware o nel sito Web di Windows Update (con l'autorizzazione dell'utente). Leggere l'informativa sulla privacy
	Consentire la connessione a Windows Update per la ricerca di software? Si, solo in questa occasione Si, ora e <u>og</u> ni volta che viene connessa una periferica No, non ora Scegliere Avanti per continuare.
	< <u>I</u> ndietro <u>A</u> vanti≻ Annulla

Choose the first option from the list (Yes, only on this occasion) and click Next. It will appear:



Choose the first option from the list (Install the software automatically) and click Next:



At the end of the installation it will appear:

Installazione guidata nuovo l	nardware.
Installazione guidata nuovo f	And Andree Strand Stran
	Per chiudere l'installazione guidata, scegliere Fine.
	< Indietro <b>Fine</b> Annulla

Click End to complete the PC SterilCard reader installation.

**USB safety key installation** Insert the USB safety key. Windows will start the new hardware installation:

Installazione guidata nuov	o hardware
	Installazione guidata nuovo hardware
	Verrà effettuata una ricerca di software attuale e aggiornato nel computer, nel CD di installazione dell'hardware o nel sito Web di Windows Update (con l'autorizzazione dell'utente). <u>Leggere l'informativa sulla privacy</u>
	Consentire la connessione a Windows Update per la ricerca di software?
	<ul> <li>Sì, solo in questa occasione</li> <li>Sì, ora e ogni volta che viene connessa una periferica</li> <li>No, non ora</li> </ul>
	Scegliere Avanti per continuare.
	< Indietro Avanti > Annulla

Choose the third option from the list (No, not now) and click Next. It will appear:

Installazione guidata nuov	o hardware.
	Questa procedura guidata consente di installare il software per: SmartKey 3 Se la periferica è dotata di un CD o un disco floppy di installazione, inserirlo nell'apposita unità. Scegliere una delle seguenti opzioni: O Installa il software automaticamente (scelta consigliata) O Installa da un elenco o percorso specifico (per utenti esperti) Per continuare, scegliere Avanti.
	< Indietro Avanti > Annulla

Choose the second option from the list (Install from a list or specific location) and click Next:

Installazione guidata nuovo hardware.
Selezionare le opzioni di ricerca e di installazione.
<ul> <li>Ricerca il miglior driver disponibile in questi percorsi.</li> <li>Utilizzare le caselle di controllo che seguono per limitare o espandere la ricerca predefinita, che include percorsi locali e supporti rimovibili. Il miglior driver disponibile verrà installato.</li> <li>Cerca nei supporti rimovibili (unità floppy, CD-ROM)</li> <li>Includi il seguente percorso nella ricerca:         \\Mess2000\disketts\hp3700dn\Win32_2000_XP_     </li> </ul>
Non effettuare la ricerca. La scelta del driver da installare verrà effettuata manualmente. Scegliere questa opzione per selezionare da un elenco il driver di periferica. Il driver contenuto nell'elenco potrebbe non essere quello più aggiornato per la periferica.
< Indietro Avanti > Annulla

Chose the first option (Search for the best driver in these locations), select "Include this location in the search" and click Browse.

It will appear:

· · · · · · · · · · · · · · · · · · ·	Sfeglia per cartelle	
<ul> <li>Ricerca il miglior dr Utilizzare le caselle</li> </ul>	Selezionare la cartella contenente i driver per l'haro	dware.
che include percor ☐ Cerca nei su ☑ Includi il seg \\Mess2000 ○ Non effettuare la ri Scealiere questa o		
contenuto nell'elen	Per visualizzare le sottocartelle, fare clic sul segno	più. nnulla

Select the folder SmartKeyDriver in: C:\ Programs\ COMINOX\ READER\ SmartKeyDriver Click OK and then it will appear:

Installazione guidata nuovo hardware.
Selezionare le opzioni di ricerca e di installazione.
<ul> <li>Ricerca il miglior driver disponibile in questi percorsi.</li> </ul>
Utilizzare le caselle di controllo che seguono per limitare o espandere la ricerca predefinita, che include percorsi locali e supporti rimovibili. Il miglior driver disponibile verrà installato.
Cerca nei supporti rimovibili (unità floppy, CD-ROM)
🔽 Includi il seguente percorso nella ricerca:
C:\Programmi\COMINOX\READER\SmartKeyDriver 🐱 🛛 Sfoglia
🔘 Non effettuare la ricerca. La scelta del driver da installare verrà effettuata manualmente.
Scegliere questa opzione per selezionare da un elenco il driver di periferica. Il driver contenuto nell'elenco potrebbe non essere quello più aggiornato per la periferica.
< Indietro Avanti > Annulla

Click Next.

If the PC shows the window about the program Windows Logo, click Continue. At the end of the installation it will appear:

Installazione guidata nuov	o hardware.
	Completamento dell'Installazione guidata nuovo hardware in corso. Installazione del software completata per: SmartKey 3 USB
	< Indietro <b>Fine</b> Annulla

Click End to complete the USB safety key installation.

### **OPERATION**

When you open the CominoxReader it will appear the window **HOME** with the keys LOAD, ARCHIVE and CLEAR:



#### LOAD

Insert the SterilCard in the PC SterilCard reader with the chip upward as indicated by the arrow.

Press LOAD to read and transfer the data on the SterilCard; at the end it will appear a window with three sheets: USER, CYCLES and MAINTENANCE.

#### USER

In this sheet you will find the information about the SterilCard:
Level (Administrator or User);

- Name (if the Level is User); •
- Enabled Serial Numbers;
- Used and Free Memory Space.

LUSER USER	CYCLES X MA	INTENANCE
Name:	COMINOX	SterilCard Memory Space
Enabled Serial No.: Enabled Serial No.:	13085 13086	Used Free
		93%

#### CYCLES

In this sheet you will find the list of the cycles on the SterilCard with the following information:

- Number of the cycle on the SterilCard;
- Serial Number;
- Cycle Number on the SterilClave;
- Description;
- Date;
- Start Time;
- End Time;
- User;
- Result;
- Load.

۵	USER		CYCLES	X	MAINTENANC	CE			
No. 0 1	SERIAL No. 13086 13086	CYCLE No. 103 104	DESCRIPTION 134 UNWRAPPED 134 HOLL./POROUS	DATE 25/06/07 25/06/07	START TIME 15:57:12 16:15:10	END TIME 16:14:18 17:01:17	USER COMINOX COMINOX	RESULT COMPLETED COMPLETED	LOAD
		11				-			-
	1	1							-
		11							
				-					-
		11 				-			
									-

The cycles are automatically saved in the Archive of CominoxReader.

The cell Load is editable and it is saved in the Archive of CominoxReader.

Clicking a cycle, it will appear a window with three sheets: CYCLE, DATA TABLE and PLOT.

#### CYCLE

In this sheet you will find the information of the cycle (the same available in CYCLES).

CYCLE	DATA TABLE 🛛 🗠 PLOT
ARCHIVED CYCLE No.:	3
SERIAL No.:	13086
CYCLE No.:	104
CYCLE DESCRIPTION:	134 HOLL./POROUS
DAIE:	25/06/07
START TIME:	17:01:17
LISER NAME	COMINOX
RESULT:	COMPLETED
LOAD:	

#### DATA TABLE

In this sheet you will find the all the EVENTS of the cycle and the values of temperature and absolute pressure as they are memorized on the SterilCard.

		LA ILOI		_
TIME	EVENT	PRESSURE [bar]	TEMPERATURE [°C]	4
00:00:00	PREVACUUM	1,046	69,7	
00:01:00		0,605	72,7	
00:02:00		0,305	71,1	
00:03:00		0,185	76,9	
00:03:39	STEAM PEAK	0,151	81,4	
00:04:39		1,255	105,0	
00:05:39		2,023	120,2	
00:06:39		2,778	130,7	
00:07:02	VACUUM PEAK	3,100	134,3	
00:08:02		1,112	103,6	
00:09:02		0,301	78,5	
00:09:44	STEAM PEAK	0,197	70,0	
00:10:44		1,277	105,7	
00:11:44		2,135	122,3	
00:12:44		2,709	130,2	
00:13:16	VACUUM PEAK	3,100	134,6	
00:14:16		1,107	104,2	
00:15:16		0,266	77,9	
00:15:38	PRESSURIZATION	0,199	73,3	
00:16:38		1,424	109,3	
00:17:38		2,248	124,2	
00:18:38		2,990	133,6	
00:19:29	STERILIZATION	3,073	134,8	
00:20:29		3,098	134,9	
00:21:29		3,104	134,9	
00:22:29		3,117	135,0	
00:23:29	DRAIN	3,115	135,1	1

Press EXPORT to create a txt file with these data.

### PLOT

In this sheet you will find the diagram of temperature and absolute pressure.



Right-click the diagram in order to copy, save or print it.

#### MAINTENANCE

In this sheet you will find the maintenance file you saved on the SterilCard with the following information:

- Number of the file on the SterilCard;
- Serial Number;
- Date;
- Total Cycle Number.

Clicking the maintenance file, you will find all the corresponding replaced items; for each item you have the following information:

- Serial Number;
- Replaced Item;
- Date;
- Total Cycle Number.

	USER	 CYCLES		MAINTENAM		000	
No. O	SERIAL No. 13085	DATE 25/06/07	CYCLE No. 11	SERIAL No. 13085	REPLACED ITEM Air filter	DATE 25/06/07	CYCLE No.
				13085	water niter	19/00/07	11
					-		
							2
							-
							2
e 1							

The maintenance file is automatically saved in the Archive of CominoxReader.

#### ARCHIVE

Press ARCHIVE to visualize all the cycles and maintenance files stored on the computer.

No.	SERIAL No.	CYCLE No.	DESCRIPTION	DATE	START TIME	END TIME	USER	RESULT	LOA
0	13085	7	VACUUM TEST	25/06/07	16:07:22	16:27:24	Administrator	CONSISTENT	
1	13085	8	134 WRAPPED	25/06/07	16:33:16	17:16:17	Administrator	COMPLETED	
2	13086	103	134 UNWRAPPED	25/06/07	15:57:12	16:14:18	COMINOX	COMPLETED	
3	13086	104	134 HOLL./POROUS	25/06/07	16:15:10	17:01:17	COMINOX	COMPLETED	_
									-
									_
							0		-
		0			1				-
		2			-		1		
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		0					-		
							1		
									1
8									

Every cycle can be opened clicking on the corresponding line as you can do after the loading from SterilCard.

You can do the same also for the maintenance files stored in the sheet MAINTENANCE.

Press EXPORT to create a txt file with the list of the cycles in the archive.

#### CLEAR

Press CLEAR to clear all cycles and maintenance data stored in the SterilCard.





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