BACKUP / RESTORE 7E DATA

1. Backup

⚠️ Don't back up with the thumb drive delivered with the machine. You will loose the factory default setup data.

1. Plug the 7E USB tools flash drive into the back of the machine.
2. Switch ON the 7E. Wait until you see a menu on the screen.
3. Select **Backup System** and press <Enter>.
4. All data should now be backed up in the **/data** directory of the flash drive.
5. Remove the USB flash drive.
6. Restart the machine.

2. Restore

1. Plug the 7E USB tools flash drive into the back of the machine.
2. Switch ON the 7E. Wait until you see a menu on the screen.
3. Select **Restore System** and press <Enter>.
4. Remove the USB flash drive.
5. Restart the machine.

3. Extract CSV maintenance file

1. Plug the 7E USB tools flash drive into the back of the machine.
2. Switch ON the 7E. Wait until you see a menu on the screen.
3. Select **Backup Maintenance file** and press <Enter>.
4. File is saved on :

    \MaintLog\<SerialNumber>\<Date>\MaintLog.csv
5. Remove the USB flash drive.
6. Restart the machine.

7E USB TOOLS DOCUMENTATION

UPDATE / INSTALL / BACKUP / RESTORE / EXTRACT CSV MAINTENANCE FILE WITH THE 7E USB TOOLS

NATIONAL OPTRONICS

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PREPARE THE 7E USB TOOLS FLASH DRIVE

1. Download the latest software version

1. Go to http://www.nationaloptronics.com
2. Go to the menu *Customer Support* >> *Software Downloads*.
3. Click on the link *7E Software (USB)* to save the file on your computer.

2. Create the USB installer flash drive

4. Insert a USB flash drive on your computer.
5. Wait until the flash drive has been correctly installed by Windows.
6. Execute the file you just downloaded.
7. Follow the installation wizard to create the flash drive.

> If it's the first time you have used this flash drive to install the 7E USB tool, the flash drive will be formatted. In this case you will loose all data saved on the flash drive.

> Don't use the BACKUP flash drive shipped with the machine. This thumb drive contains the default factory setup. Don't use it to back up or update the machine. Use a new USB flash drive.

UPDATE / INSTALL 7E SOFTWARE

1. Update the 7E software

1. Plug the 7E USB tools flash drive into the back of the machine.
2. Switch ON the 7E. Wait until you see a menu on the screen.
3. Select *Install or Update software*.
4. Wait until all operations are done.
5. Remove the USB flash drive.
6. Restart the machine.

2. Install 7E software

> This operation will reset the machine. All setup values will be lost. You should backup your setup data before proceeding.

1. Plug the 7E USB tools flash drive into the back of the machine.
2. Switch ON the 7E. Wait until you see a menu on the screen.
3. Select *Erase and Partition Disk* and press <Enter>.
4. Wait until all operations are done.
5. Reboot the machine.
6. Select *Restore Factory Defaults* and press <Enter>.
7. Wait until all operations are done.
8. Remove the USB flash drive.
9. Restart the machine.