LTR-1200 Update Instructions

1 How To Update an LTR-1200

All the software and files can be downloaded from www.meerstetter.ch.
They are available free of charge on the corresponding product page.

1. Connect the LTR-1200 to the mains power and switch it on.
   - ☐ The LTR-1200 has finished booting
2. Open the LTR-1200 Website
   a) Make a copy of the information provided by the website. This step is not necessary. But this way you don't have to search the devices addresses.
3. Update the HMI device
   a) Open the new HMI Service Software and connect it to the LTR-1200
      - ☐ The Software is connected successfully
   b) Go to "Maintenance" Tab, press "Load Hex File" and select the new HMI hex file
   c) Press the "Update Device" Button
   d) Wait until the LTR-1200 has done a complete reboot.
      - ☐ Notice the reboot message with a count-down.
      - ☐ After rebooting you will probably get a message that the device firmware is not compatible. This means that you must update the other devices now.
4. Update the FANC Device
   a) Open the new FANC Service Software and connect it to the LTR-1200
      - ☐ The Software is connected successfully
   b) Go to "Maintenance" Tab, press "Load Hex File" and select the new FANC hex file
   c) Press the "Update Device" Button
   d) Wait until the LTR-1200 has done a complete reboot.
      - ☐ Notice the reboot message with a count-down.
      - ☐ After rebooting you will probably get a message that the device firmware is not compatible. This means, that you must update the other devices now.
5. Update an LDD / TEC
   a) Update the device according the device specific User Manual
   b) Wait until the LTR-1200 have done a complete reboot.
      - ☐ Notice the reboot message with a count-down.
      - ☐ After rebooting you will probably get a message that the device firmware is not compatible. This means, that you must update the other devices now.
6. Repeat Step 5 until all Devices are updated.

2 Compatible Versions

v1.00 This Software combination was tested

v1.00 This Software combination was **not** tested but should run.

~~v1.00~~ This Software combination does not work.

HMI Version	FANC Version	TEC Version	LDD Version
v1.00	**v1.00**	**v1.60**	**v1.60**
		v1.70	*v1.70*
v1.01	**v1.00**	**v1.60**	**v1.60**
		v1.70	*v1.70*
		v1.80	**v1.80**
		v1.91	**v1.90**
		v2.00	**v2.00**
		v2.10	**v2.02**
		v2.20	**v2.10**
		v2.30	**v2.20**
		v2.40	*v2.21*
		v2.41	*v2.30*
		v2.50	**v2.31**
		v2.60	*v2.32*
		v2.70	
		v2.71	
		v2.72	
		>= ~~v3.00~~	
v1.02	**v1.00**	>= ~~v3.00~~	**v2.32**

HMI Version	FANC Version	TEC Version	LDD Version
v1.04	**v1.00**	*v1.60*	**v2.32**
v1.06		*v1.70*	
		v1.80	
		v1.91	
		v2.00	
		v2.10	
		v2.20	
		v2.30	
		v2.40	
		v2.41	
		v2.50	
		v2.60	
		v2.70	
		v2.71	
		v2.72	
		v3.00	
		v3.11	
		v3.20	
		v4.00	
		v4.10	
		v4.20	
		v5.00	
		v5.01	
		v5.10	
		>= ~~v6.00~~	

HMI Version	FANC Version	TEC Version	LDD Version
v1.07	**v1.10**	*v1.60*	*v2.32*
		v1.70	
		v1.80	
		v1.91	
		v2.00	
		v2.10	
		v2.20	
		v2.30	
		v2.40	
		v2.41	
		v2.50	
		v2.60	
		v2.70	
		v2.71	
		v2.72	
		v3.00	
		v3.11	
		v3.20	
		v4.00	
		v4.10	
		v4.20	
		v5.00	
		v5.01	
		v5.10	
		~~v6.00~~ - ~~6.10~~	
		v6.20	
		v6.30	
		v6.31	
		v6.32	

3 Change history

Date of change	Version	Changed/ Approved	Change / Reason
30 July 2020	AG	ML/HS	• Mod: Marked TEC Firmware Version v4.10 as tested combination • Mod: Marked TEC Firmware Version v4.20 as tested combination • Add: TEC Firmware Version 5.00 as not tested, but should run
30 July 2020	AG	HS/ML	• Bug: Corrected spelling errors in “How to update an LTR-1200”
18 October 2021	AI	HS/RS	• Add: TEC Firmware v5.01 as not tested, but should run
4 April 2023	AJ	ML	• Add: TEC Firmware v5.10 as not tested, but should run • Mod: Set TEC Firmware v5.01 as tested.
12 December 2024	AK	ML / HS	• Mark TEC Firmware v5.10 as tested. • Set TEC Firmware v6.00, v6.01, v6.10 to nonfunctional.
25 February 2025	AL	ML	• Add HMI Firmware v1.07
4 February 2026	AM	ML	• Add: TEC Software v6.30
24 February 2026	2AN	ML	• Add: TEC Software v6.31
4 Juni 2026	AO	ML	• Add: TEC Software v6.32