FÖRSTER TECHNIK®	**Mounting info** Software update	
S34.1e	**Machines** ECO	
	Date November 19th, 2014	
Page 1 out of 7	**Topic** Update	

Software update with FlashManager Plus

1 Introduction

These mounting instructions put you in the position to successfully update the **Automatic lamb feeder ECO** as intended.

> Please read these mounting instructions carefully before updating.

> Keep these mounting instructions readily available at all times.

> Observe all of the warnings and safety instructions in these mounting instructions at all times.

2 For your safety

2.1 Target group

2.1.1 Necessary qualifications of the service technician

Solely trained service technicians are authorised to update the program.

Service technicians are electricians with appropriate qualifications, i.e. they are able to assess the work assigned to them and detect potential risks on the basis of their technical training as well as their knowledge of the relevant standards. This also includes the knowledge of relevant accident prevention regulations, generally accepted safety regulations, EU guidelines and country-specific standards and provisions.

2.2 Indication of hazards

Dangers are indicated by a key word and a corresponding sign, depending on the severity and probability:

FÖRSTER TECHNIK® S34.1e	**Mounting info** Softwae update	
	Machines ECO	
	Date November 19th, 2014	
Page 2 out of 7	**Topic** Update	

⚠	**Danger!** For an imminent danger, resulting in serious injuries or death.

⚠	**Warning!** For a potentially dangerous situation which may cause serious injuries or even death.

⚠	**Caution!** For a potentially dangerous situation which may cause minor injuries or material damage.

Attention	For a potentially harmful situation in which the product or an item can become damaged within its environment.

Note	For application notes and other useful information.

However, it is just as important to observe any other notes and information which are not highlighted to avoid failures which, in turn, may cause direct or indirect injuries or material damage.

3 Carrying out the update

To carry out the software update you have to observe the mounting instructions of the **FlashManager Plus**. An update is only possible when the FlashManager Plus is installed on the PC.

Proceed as follows:

FÖRSTER TECHNIK® **S34.1e**	**Mounting info** Software update	
	Machines	ECO
	Date	November 19th, 2014
Page 3 out of 7	**Topic**	Update

Warning!

Live electrical components.

Danger of death by electric shock!

- Always pull the mains plug of the automatic feeder before connecting the connectors or/and interface boards of the update set to the connections of the board.

1. Write down the settings of the feed temperature, the portion size and the powder concentration.

2. Switch the automatic feeder off and unplug the power plug.

3. Unscrew the four screws at the keypad.

1. Screws (4x)

4. Hang the keypad in the bracket provided.

FÖRSTER TECHNIK® **S34.1e**	**Mounting info** Softwae update	
	Machines	ECO
	Date	November 19th, 2014
Page 4 out of 7	**Topic**	Update

1.	Control box
2.	Bracket

5. Unscrew the screws at the control box and open it.

1.	Screws

FÖRSTER TECHNIK®	**Mounting info** Software update	
S34.1e	**Machines** ECO	
	Date November 19th, 2014	
Page 5 out of 7	**Topic** Update	

6. Loosen the plugs X4, X5, X6 on the circuit board and plug the update plug to X7.
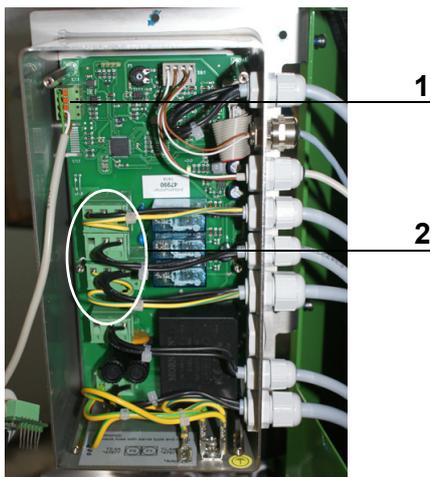
1. Update plug
2. Plug X4, X5 and X6

7. Connect the update plug to the PC.

8. Connect the power plug and switch the automatic feeder on.

9. Start **FlashManager Plus**. You will find this menu under **Start > programs > Foerster-Technik > FlashManager Plus**.

10. The following window will appear. Click **Start connection**.

FÖRSTER TECHNIK® S34.1e	**Mounting info** Softwae update	
	Machines ECO	
	Date November 19th, 2014	
Page 6 out of 7	**Topic** Update	
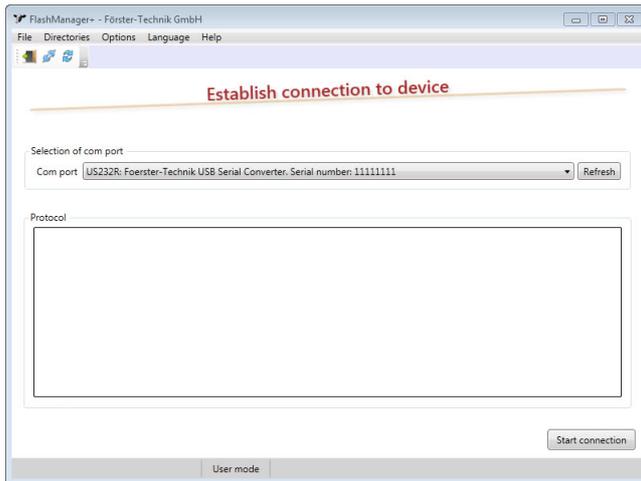
11. The current target version will automatically be suggested. Choose the desired action and click **Start update of calf feeder**. If there is no need for an update or the update was successful, the window below will be displayed.
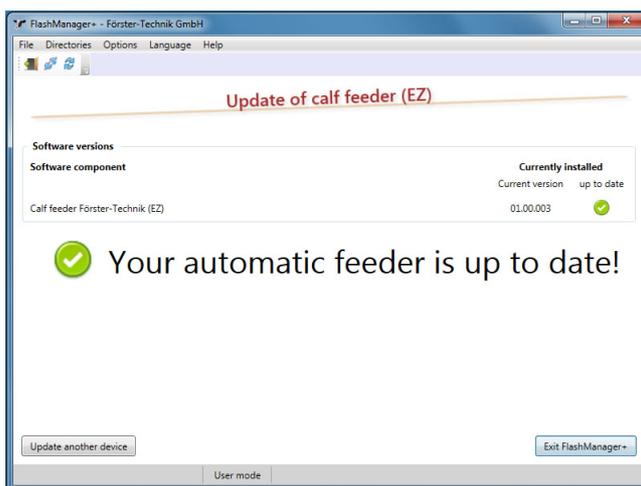
12. Click **Exit FlashManager** to exit the **FlashManager Plus** or click **Update another device** to update e.g. another peripheral device.

13. Please find further information in the mounting instructions of the **FlashManager Plus**.

14. Switch the automatic feeder off and unplug the power plug.

FÖRSTER TECHNIK®	**Mounting info** Software update	
S34.1e	**Machines** ECO	
	Date November 19th, 2014	
Page 7 out of 7	**Topic** Update	

15. Remove the update plug and connect the plugs X4, X5, X6 to the correct slots on the circuit board.

16. Screw the cover on the control box. Make sure that the grounding on the cover is connected correctly.

1
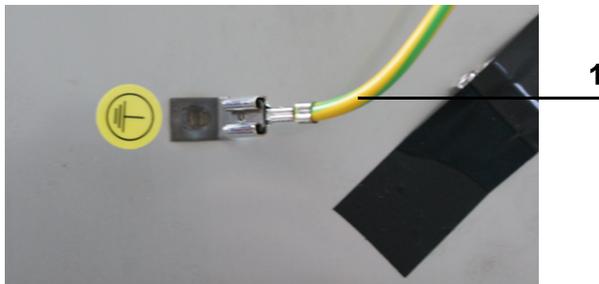
1. Grounding cable

17. Remove the keypad from the bracket and remount it correctly

18. Connect the power plug of the automatic feeder.

19. Carry out a reset by keeping [Start] and [C] pressed when the automatic feeder is switched on.

20. Set the individual feed temperature, portion size and powder concentration.

21. Calibrate the components.