

UI Cleveland Software Release Notes

Product Name	UI For T1, SET10, Eclipse and Kettles
Version	01.01.14
Date	6/11/2024
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Hardware Rev	Welbilt UI AG012002000367, IO board V1

Purpose:

The purpose of this software is to provide the graphical user interface (GUI) for the T1, SET10, Eclipse and kettles model machines. This software acts as the master, sending commands to the slave IO board, which controls the pan, lid, water, and heating processes.

Intended Use:

Test software. As deemed by Cleveland.

Features Added or Modified:

Bug fix in release 01.01.13:

Pan control button was disabled for T1 model, the issue was fixed.

Unit Support:

The following unit models was added to the supported models:

- **SET10**
- **Kettles**

Temperature Default Values:

The default temperature values in recipe creation have been updated according to the selected unit model.

Temperature Range Values:

The permitted temperature range values in recipe creation have been updated according to the selected unit model.

Import/Export Menu File:

- The UI will accept importing Kettle menu file only if the UI unit type is set to Kettle.
- The UI will accept importing SET10 menu file only if the UI unit type is set to T1 or SET10.

Error Handling:

Table below show errors for unit model

Error Code	Error Details	Error Source	Error Category	Unit Model
701	Jacket sensor/Cavity sensor	IO board	Abort	Eclipse, Kettles, SET10, T1
702	Product Sensor Error	IO board	Abort	Eclipse, Kettles, SET10, T1
102	Safety Switch error	IO board	Block	Eclipse, Kettles, SET10, T1
101	Heater error	UI	Notification	Eclipse, Kettles, SET10, T1
11	IO to UI Communication error	IO board	Block	Eclipse, Kettles, SET10, T1
12	UI to IO Communication error	UI	Block	Eclipse, Kettles, SET10, T1
10	I/O board Over temperature	IO board	Block	Eclipse, Kettles, SET10, T1
103	Blower low pressure	IO board	Abort	Gas models
202	Pan not down Error	UI	Notification	Eclipse, KGL_80, T1
201	Pan tilt error	UI	Notification	Eclipse, KGL_80, T1
104	Water level Error	IO board	Abort	Kettles
309	Cover not down error	UI	Notification	Eclipse
310	Cover not up error	UI	Notification	Eclipse
311	Cover down error	UI	Notification	Eclipse
308	High current actuator error	UI	Notification	Eclipse
302	Cover up limit error	UI	Notification	Eclipse
303	Cover down limit switch error	UI	Notification	Eclipse

307	Low current actuator error	UI	Notification	Eclipse
405	High pressure sensor error	IO board	Block	Eclipse
404	High pressure safety error	IO board	Block	Eclipse
401	Pressure sensor error	UI	Notification	Eclipse
601	Water dispense error	UI	Notification	Eclipse
501	Convection system error	UI	Notification	Eclipse
301	Cover actuator error	UI	Notification	Eclipse

Testing:

Testing using the IO board with a jacket and probe sensor in conjunction with the UI has been conducted. Signals being sent from the UI were tracked to ensure the right commands were transmitted.

Testing for Kettles and SET10 was conducted based on the T1 firmware on the IO board, focusing on the similarity in flowchart and process handling on the IO board.

Environment Description:

Qt creator	Version 4.10.2
Qt version	Version 5.12
Compiler arm-poky-linux-gnueabi-g++ (GCC)	Version 7.3.0
UI firmware Welbilt-mfgtools-production Image	Version DVT1.0.5-2023-04-29