REVO HMI
Graphic operating terminals for modular control

REVO HMI for REVO TC
- Up to 30 zones can be managed
- For Revo TC 1-2-3PH and REVO TCM
- 4.3, 7.0, 10” Colour Display
- Trend display
- Recipe Management
- Warm up Planner
- Multi Language Interface (EN, DE, IT and FR)

OPERATOR PAGE

FOUR LOOP PAGE  4.3”, 7.0” and 10” HMI
Each project can manage up to 30 loops. The operator Page can display 4 or 8 loops depending by the HMI and by the setup of the project. Pushing the zone description area is possible to see the advanced parameter and setting page for each zone.

FOUR & EIGHT LOOP PAGE DISPLAY
- Zone description (editable by user)
- ON/OFF Push Button
- Setpoint display and setting
- Temperature measured display
- Power Output Value
- Generic Alarm Status
- Deviation Graph
- Trend Display Push Button for each zone
ADVANCED OPERATING PAGE

For each loop is available an advanced page with the following parameters and alarm. The parameters with light blue colour can be setted on this page. This page can be displayed touching the zone name on the main operating page. Touching the arrow keys, is possible to move to the next zone or to move on the previous zone.

SETPOINT and MEASURE

- Setpoint
- Measure
- % Heat and % Cool

ALARM STATUS

- Alarm 1 Deviation (default)
- Alarm 2 Max Temperature (default)
- Alarm 3 not configured (default)

HEATER BREAK ALARM

- HB Alarm Status
- Short Circuit Alarm Status
- Alarm threshold
- Current Value Setting

CONTROL PARAMETERS

- Proportional Band
- Integral Time
- Derivative Time
- Cooling gain
- OLAP
- Pre Tune Activation
- Self Tune Activation

TRENDS PAGE

For each loop is available Trend page dedicated to the graphical display of setpoint value and temperature control, view over time. Each square represents 1 minute, then the screen will show every 15 minutes. With 24 loop operating page, includes the graphical display of 4 loops.

Description of the fields:

- **Set**: View here the temperature set point adjustment. At the time here is touched at a point graph.
- **Value**: Displays the value of temperature in the area. At the time here is touched at a point graph.
- **Power**: Power adjustment percentage of the temperature zone.
- **Minimum Show**: It’s an adjustable value, where the operator decides the minimum visible scale.
- **View Maximum**: It’s an adjustable value, where the operator decides the maximum visible scale.
Advanced Setting Page: It’s very easy to add or remove one zone on the software. Each loop can be enabled or disabled by pressing a push button. For each zone is possible to set a string name.

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HMI Touch Panel from 4.3” up to 10” TFT Colour Display

ORDERING CODE

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<tr>
<th>SCREEN DIMENSION</th>
<th>RHMI</th>
<th>07</th>
<th>M</th>
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CONTROLLER TYPE & COMM.
REVO TC 1-2-3PH and REVO TCM Controller

VERSION - OPERATING PAGE

| 4 Loop Display on Operating Page | 004 |
| 8 Loop Display on Operating Page | 008 |

LAB SETTING SERVICE

<table>
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<th>RHMI</th>
<th>LAB</th>
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Set the N° off zone (01 to 30) to get HMI and TC configured and tested based on your specification. Customer must give a complete description of all the zones.

HARDWARE HMI—DATASHEET CODE

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BASIC SYSTEM FOR REVO TC

RS485 Modbus