Boiler Control & Monitoring System

The **Complete** Control

System For Your **Boiler**

Ov1

Overview
- Overview parameter to monitor important parameters.
- Parameter shown is selectable.

WL

Water Level Control
- One, two & three element control.
- Four alarm output contact.
- Fail Close or Open configurable.

FD

Furnace Draft Control
- ID Damper feed forward control.
- 10 points curve enhance from positive bias control.
- Selectable Furnace Draft control.

BDV

Blowdown Valve
- Time Based Mode (On Off Timer).
- TDS based control.
- Combine time & TDS based control.

FFG

FF Gate Control
- 4 Fuel Gate control.
- Operate by direct steam pressure or PID output steam pressure.
- Water Level interlock with deadband.

BP

Boiler Pressure Control
- PID control & 10 points curve.
- Two alarm output contact.
- 2 sets of Auger Conv. speed control.
- FD Fan by pressure or PID output.

SHT

SuperHeater Steam Temp Control
- One element PID.
- Include 2 alarm setpoint and deadband.

Vv

Vent Valve Control
- Steam Flow control.
- Enhance Steam Flow & Steam Temperature control.
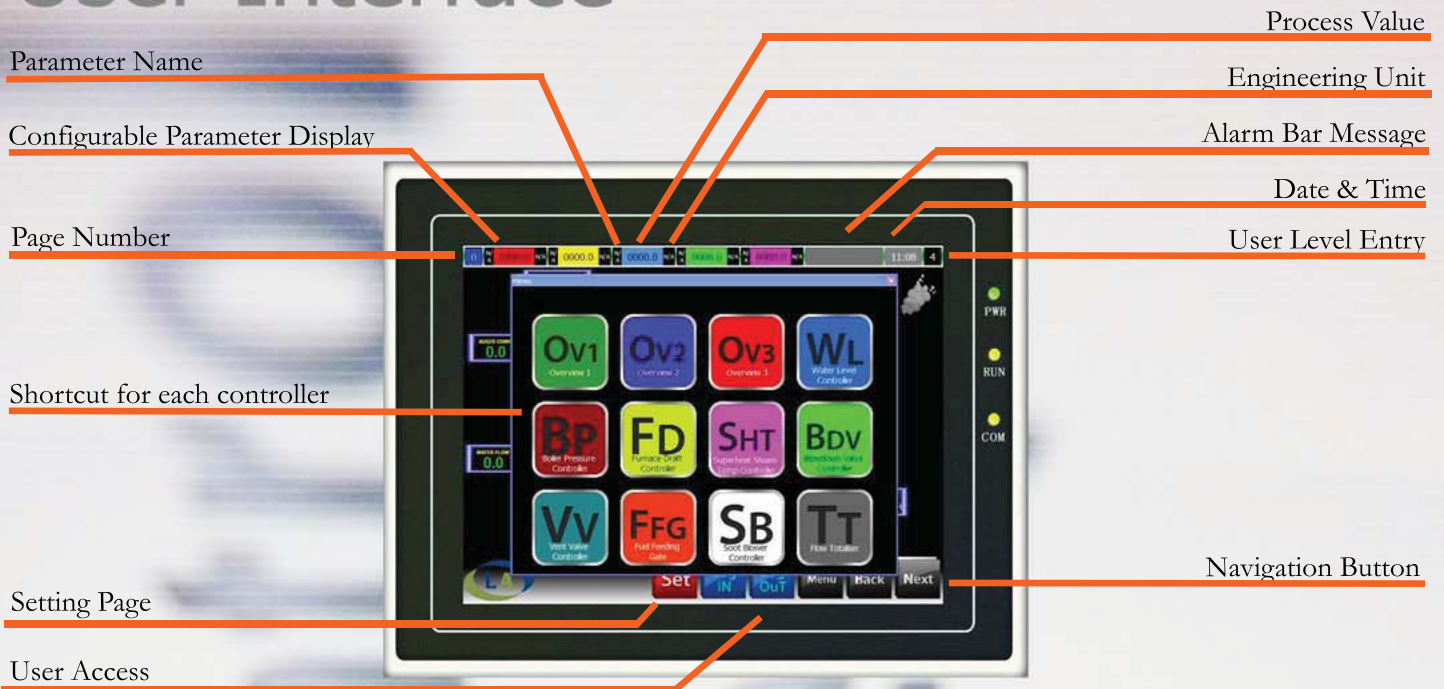
SB

Soot Blower Control
- 6 Soot Blower control per sequence.
- Settable interlocking with FD Fan and Fire Grate.

TT

Flow Totalizer
- Build in Steam Flow and Water Flow Totalizer function.
- Two totalizer per parameter.
- Up to 10 milliontonne and resettable.

User Interface

Parameter Name

Configurable Parameter Display

Page Number

Shortcut for each controller

Setting Page

User Access

Process Value

Engineering Unit

Alarm Bar Message

Date & Time

User Level Entry

Navigation Button

Features

1. Selectable Input & Output for hardware utilities.

2. Calibration function & scalable engineering process.

3. Alarm output contact with alarm setpoint and deadband.

4. Reversable process output for Fail Open or Close.

5. Complete package controller.

6. Fast switching between auto & manual mode for all controllers.