

3 operator levels

The screenshot displays a control panel interface with a password login dialog box. The interface includes a top status bar with numerical values and units, a grid of process loops (Loop 01-17), a right-hand sidebar with various icons, and a bottom section with a 'Measured X: [°F]' field and control buttons.

20.0	77.3	240.0	480	22.3	500	19.4	0.0		M	M
rpm	%	°F	psi	°F	mbar	rpm	--	1	2	

password

- Level 1 *****
- Level 2 *****
- Level 3 *****

LOGOUT EXIT

On

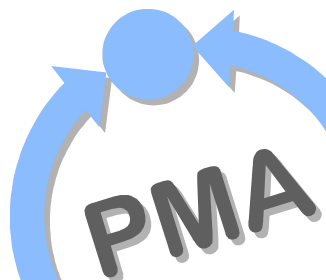
SP2

Off

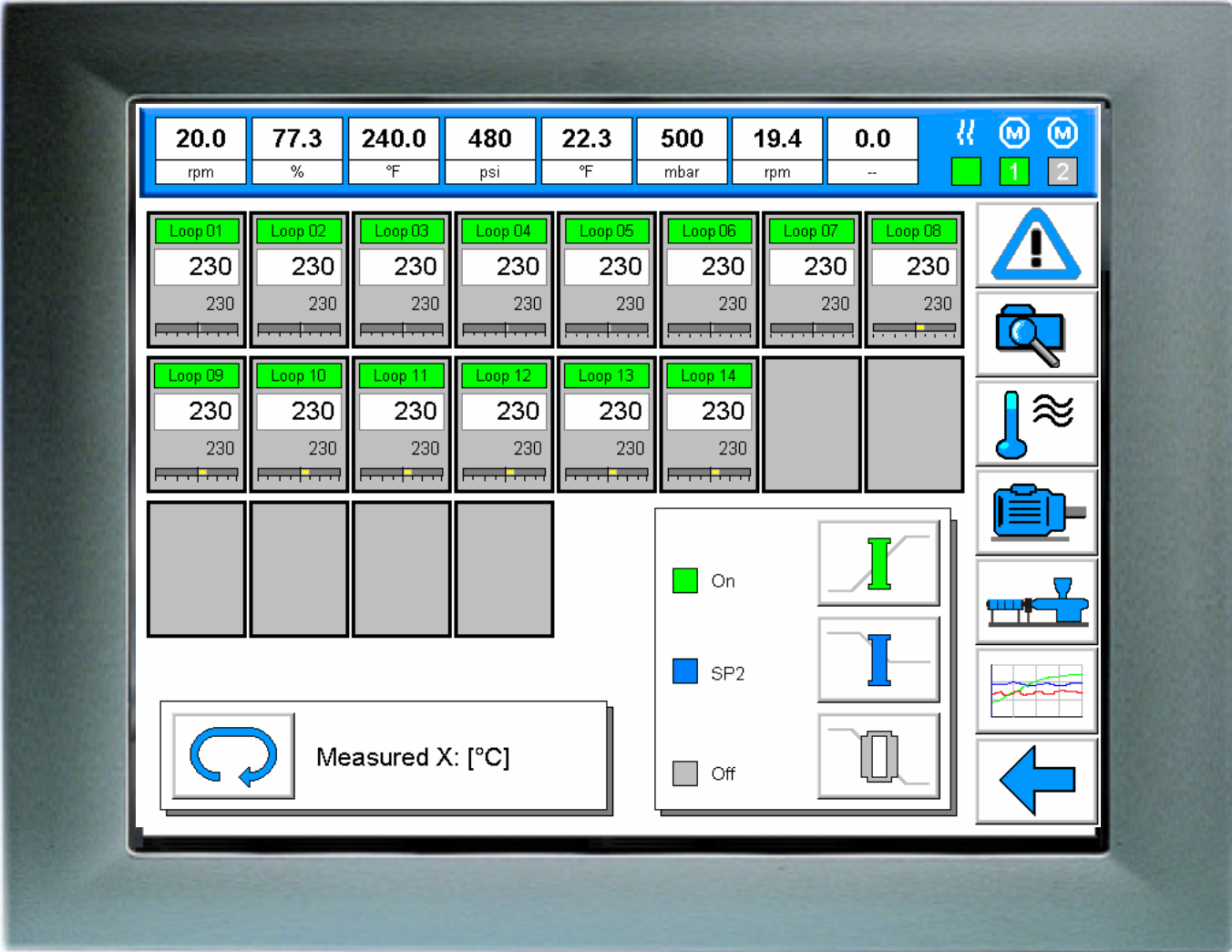
Measured X: [°F]

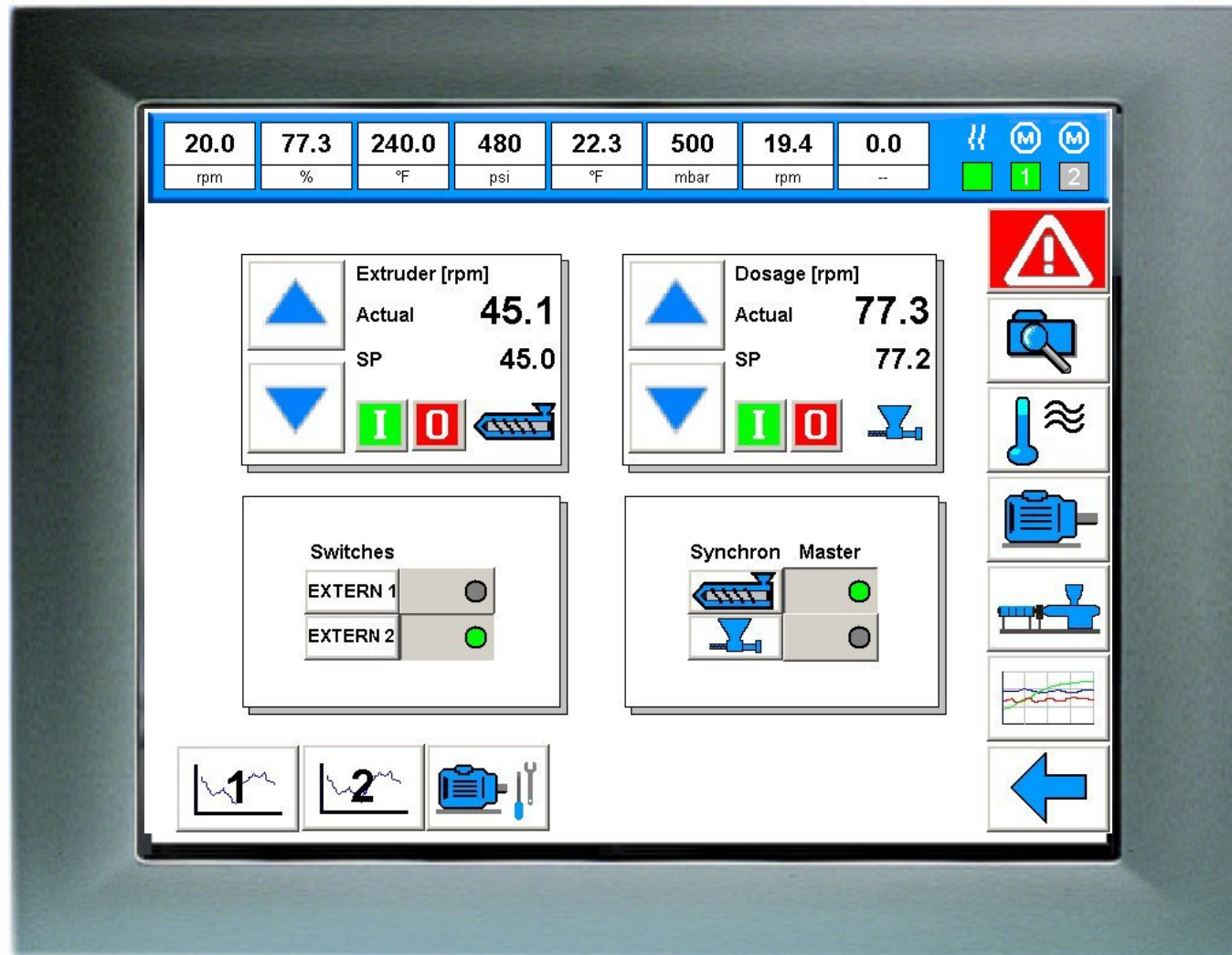


Close the loop with PMA

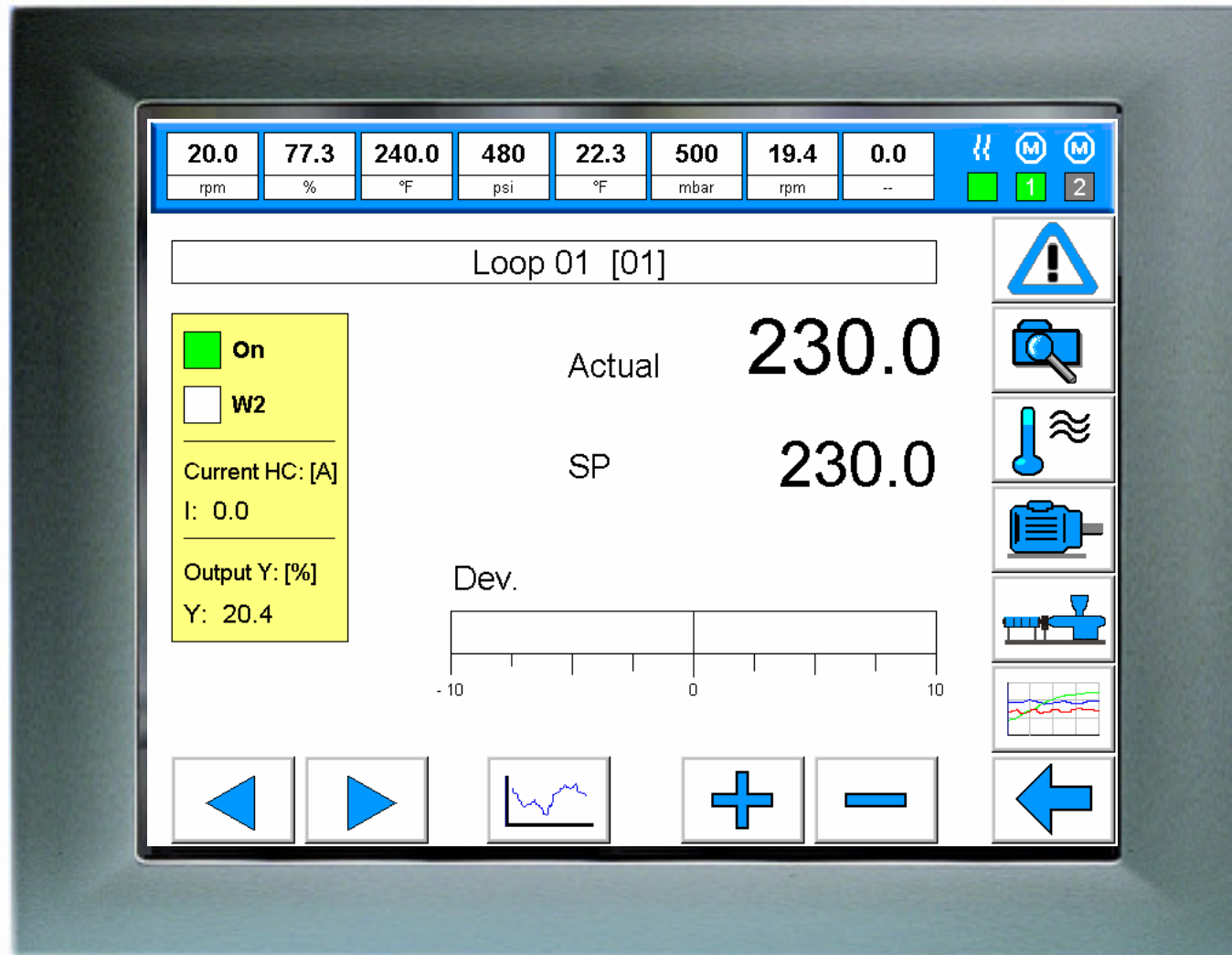


Temperature overview

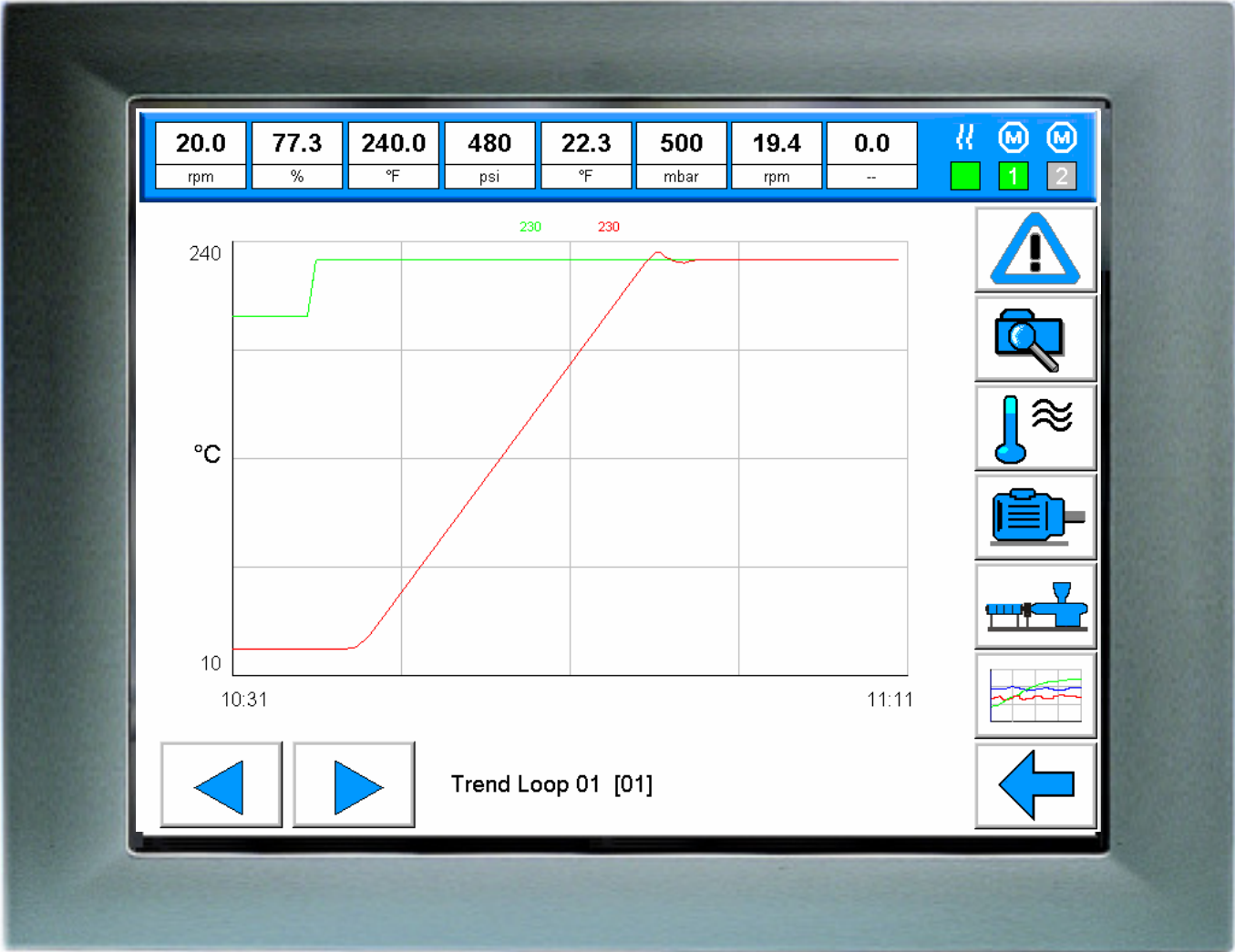




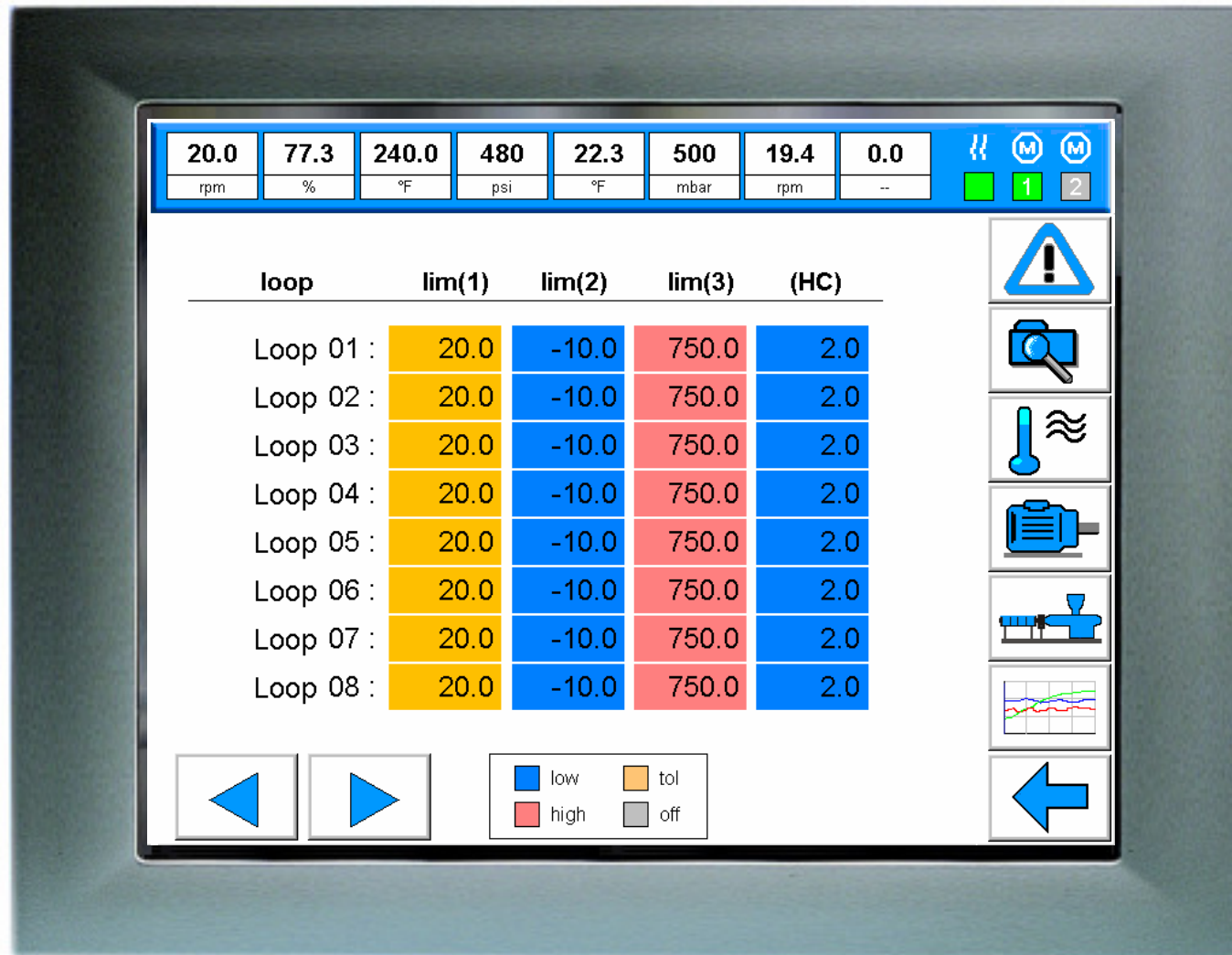
Temperature controller page



Trend per loop



Temperature limits



Self tuning

The screenshot shows a control panel interface with the following elements:

- Top Status Bar:** A row of eight data points with units below them: 20.0 U/min, 77.3 %, 240.0 °C, 480 bar, 22.3 °C, 500 mbar, 19.4 U/min, and 0.0 --. To the right are two motor status icons (M) and two mode buttons (1 and 2).
- Process Selection Area:** A yellow background containing buttons for Z1 through Z14. Z1, Z2, Z3, Z4, and Z5 are highlighted in blue, Z2 in green, and Z6 through Z14 are white.
- Legend:** A box with four entries: a green square for 'erfolgreich', a red square for 'fehlerhaft', a blue square for 'gestartet', and a dark blue square for 'aktiv'.
- Control Buttons:** Three buttons labeled 'sel', 'start', and 'stop' at the bottom left.
- Navigation Icons:** A vertical stack of icons on the right side: a warning triangle, a magnifying glass, a thermometer, a motor, a valve, a graph, and a back arrow.



Loop control parameter

Parameter Loop 01 [01]

Proportional band pb 1 :	0.0	°F
Proportional band pb 2 :	0.0	°F
Integral action ti 1 :	0.0	s
Integral action ti 2 :	0.0	s
Derivative action td 1 :	0.0	s
Derivative action td 2 :	0.0	s
Min cycle time t1 :	0.0	s
Max cycle time t2 :	0.0	s
Setpoint limit SPLo :	0.0	°F
Setpoint limit SPHi :	0.0	°F

Navigation buttons: Left arrow, Right arrow, Up arrow, Down arrow, Home arrow.



20.0	77.3	240.0	480	22.3	500	19.4	0.0	⏏	M	M
rpm	%	°F	psi	°F	mbar	rpm	-	■	1	2

test4.ksv
test1.ksv
test2.ksv
test3.ksv

Actual file: test2.ksv



Scaling drive signals

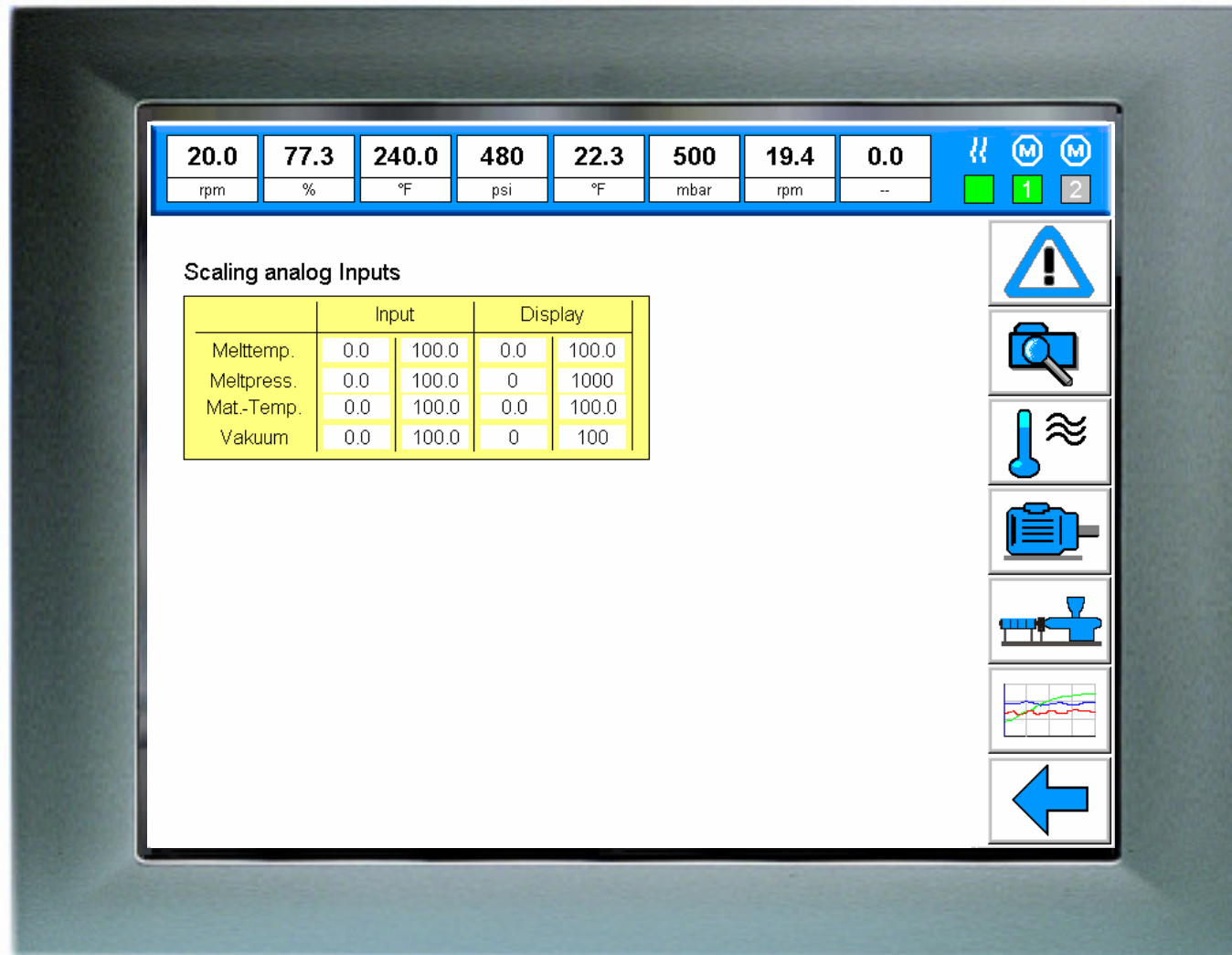
The screenshot displays a control interface for two drives. At the top, a status bar shows various numerical values and units: 20.0 rpm, 77.3 %, 240.0 °F, 480 psi, 22.3 °F, 500 mbar, 19.4 rpm, and 0.0 --. Below this, the interface is divided into several sections:

- Scaling drive actual value:** Two tables for 'drive 1' and 'drive 2' showing Input and Display values for Speed and Load.
- Scaling drive set value:** Two tables for 'drive 1' and 'drive 2' showing Output and Display values for Speed.
- Drive parameters:** A section with input fields for Autostart 1 (0.0 rpm), Autostart 2 (0.0 rpm), External Setp. (radio button), and Elapsed hours (1.30 h).

On the right side of the interface, there is a vertical toolbar with icons for: a warning triangle, a magnifying glass, a temperature gauge, a motor, a conveyor belt, a graph, and a back arrow.



Scaling measurements



General settings

The screenshot displays a control panel interface with a top status bar and several main sections. The status bar shows eight numerical values with units: 20.0 rpm, 77.3 %, 240.0 °F, 480 psi, 22.3 °F, 500 mbar, 19.4 rpm, and 0.0 --. It also includes a green indicator light, a '1' button, and a '2' button.

General : °C
Loops used: 20
DigIn Slot-No.: 4
12:16:53

Interface :
RS 485

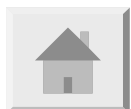
User messages :
[Edit]

Addressing :

	Name	Device	Channel
1:	Loop 01	1	1
2:	Loop 02	1	2
3:	Loop 03	1	3
4:	Loop 04	1	4
5:	Loop 05	1	5
6:	Loop 06	1	6
7:	Loop 07	1	7
8:	Loop 08	1	8
9:	Loop 09	1	9
10:	Loop 10	1	10

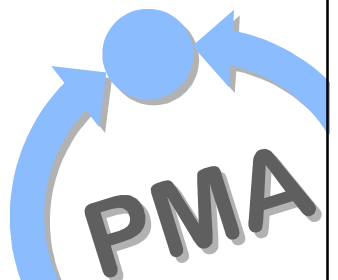
[Load defaults]

Navigation icons: Home, Up, Down, Save, Back, Alarm, Search, Temperature, Motor, Valve, Graph, Left Arrow.



Meltpressure sensor

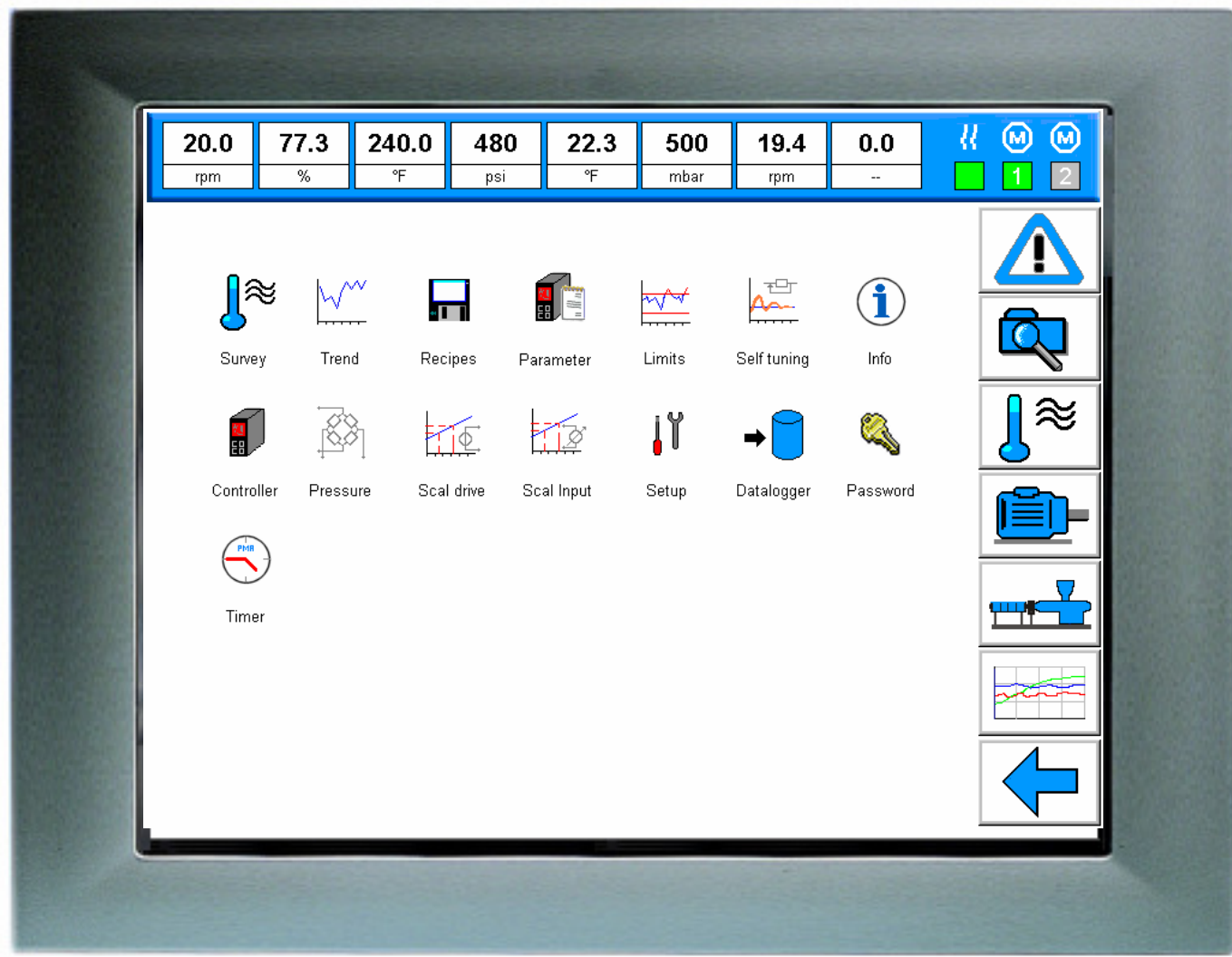
The screenshot shows a control panel interface for a melt pressure sensor. At the top, there is a data bar with eight numerical values and their units: 20.0 rpm, 77.3 %, 240.0 °F, 480 psi, 22.3 °F, 500 mbar, 19.4 rpm, and 0.0 --. To the right of these values are three status icons: a green square, a green square with the number '1', and a grey square with the number '2'. Below the data bar is a section titled "Calibration pressure sensor" containing three input fields: "Range" with values 0 and 1000, "0% Point" with the value 346, and "Pressure" which is currently empty. To the right of the calibration fields is a vertical stack of icons: a red warning triangle, a magnifying glass, a thermometer, a motor, a hopper, a graph, and a blue arrow pointing left. At the bottom of the panel are three small icons: a diamond-shaped sensor icon labeled "0.80 auto", a graph icon labeled "mV", and a resistor icon labeled "80 %".



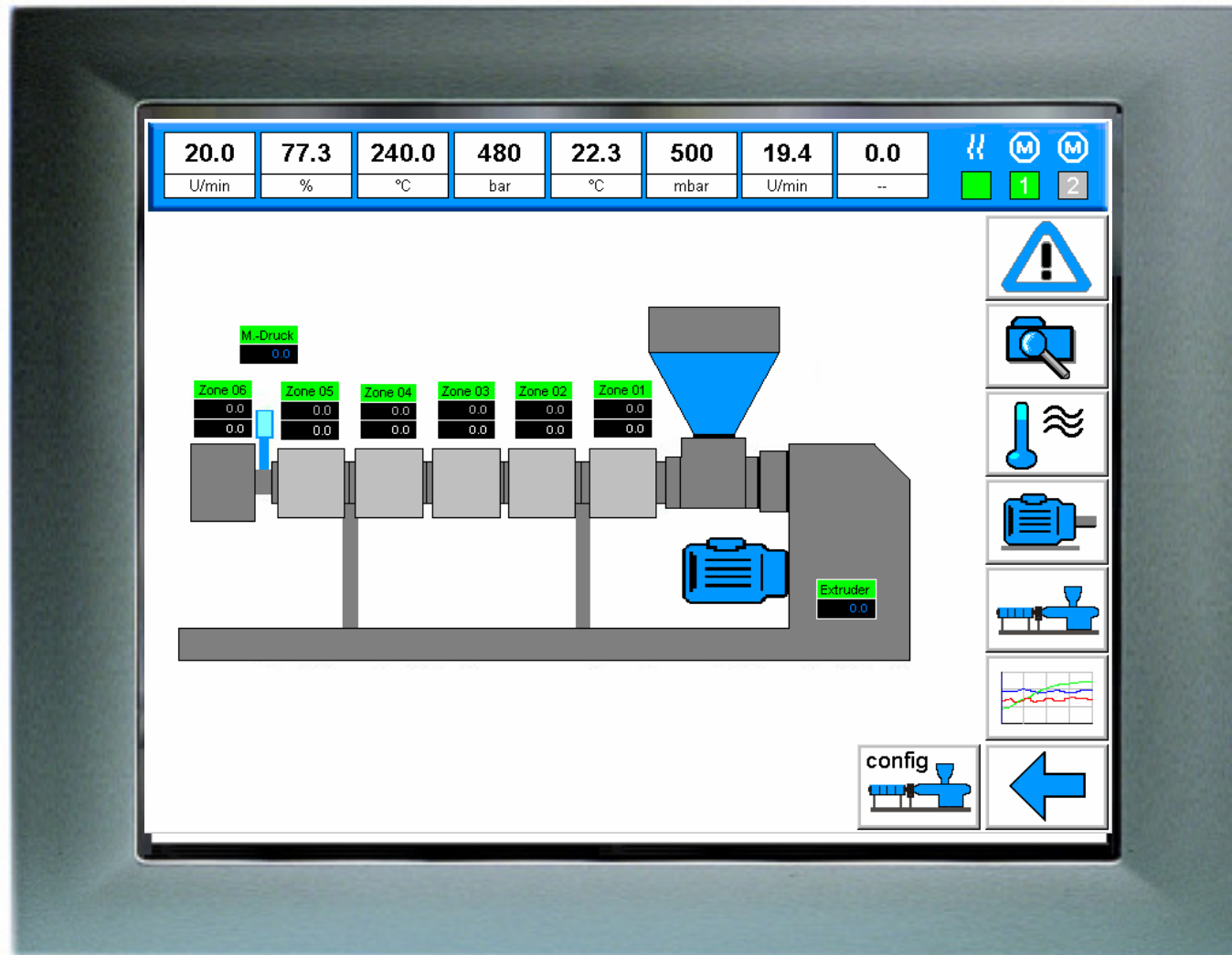
Messages

The screenshot shows a control panel interface with a top status bar and a central messages window. The status bar contains eight numerical values with units below them: 0.0 rpm, 0.0 %, 240.0 °F, 0 psi, 22.3 °F, 500 mbar, 0.0 rpm, and 0.0 --. To the right of these values are two 'M' icons and two buttons labeled '1' and '2'. The messages window is titled 'Messages 01..02 / 02' and contains two entries: 'EMERGENCY STOP' at 12:01:35 and 'ALARM IN 9' at 12:01:35. To the right of the messages is a vertical toolbar with icons for a warning triangle, a magnifying glass, a thermometer, a red fire alarm, a blue machine, a line graph, and a blue arrow. At the bottom of the messages window are three buttons: a blue upward arrow, a blue downward arrow, and a green checkmark.





User configurable page



20.0 **77.3** **240.0** **480** **22.3** **500** **19.4** **0.0** **1** **2**

rpm % °F psi °F mbar rpm --

Timer

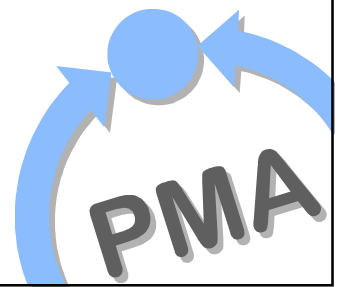
Mon	Tue	Wed	Thu	Fri	Sat	Sun	10.06	---	---	On
Mon	Tue	Wed	Thu	Fri	Sat	Sun	9.44	On	---	---
Mon	Tue	Wed	Thu	Fri	Sat	Sun	0.00	---	---	---
Mon	Tue	Wed	Thu	Fri	Sat	Sun	0.00	---	---	---
Mon	Tue	Wed	Thu	Fri	Sat	Sun	0.00	---	---	---
Mon	Tue	Wed	Thu	Fri	Sat	Sun	0.00	---	---	---
Mon	Tue	Wed	Thu	Fri	Sat	Sun	0.00	---	---	---

Fri, 15:44:01

1 **2** 3

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Datalogger

The screenshot shows a Datalogger interface with the following components:

- Real-time Data:** A row of eight data points with units below them: 20.0 rpm, 77.3 %, 240.0 °F, 480 psi, 22.3 °F, 500 mbar, 19.4 rpm, and 0.0 --.
- Document Header:** A yellow box containing:
 - customer: Miller
 - order: 990345
 -
 -
 -
- File:** A yellow box containing:
 - file : test.csv
- Interval:** A yellow box containing:
 - interval : 20 sec
- Items to Log:** A table with 10 columns and 2 rows:

Loop 01	Loop 02	Loop 03	not used	Speed	Load	not used	not used	not used	not used
42.8	27.4	38.9	---	2.6	26.1	---	---	---	---
- Navigation and Control:** A vertical toolbar on the right with icons for: warning, search, temperature, motor, valve, graph, and back arrow. At the bottom are icons for database operations (add, delete) and a save icon.

