

EUROTHERM Mini8 EXTRUSION CONTROLS COMPLETE ENGINEERED SOLUTION Price \$9,950

6" Color TouchScreen
12" Optional
Data Acquisition
Recipe Download
Reporting Capability
Network Interface

http://192.168.000.120/reports/report18.txt - Microsoft Internet Expl

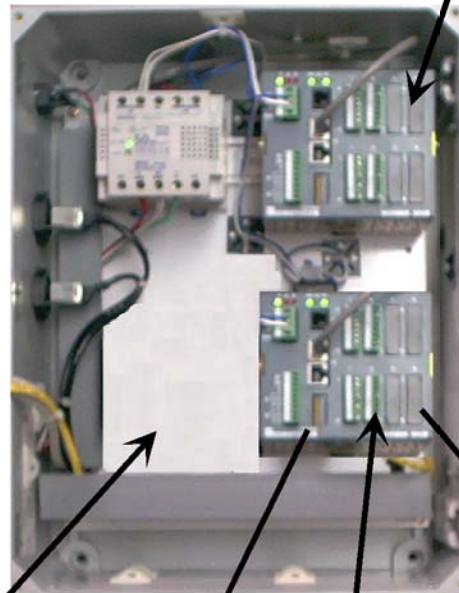
File Edit View Favorites Tools Help

Address http://192.168.000.120/reports/report18.txt

Time	Temp	BZ-1	BZ-2	BZ-3	BZ-4	B
00:00:00	11/18/2002	497	491	599	600	
00:05:00	11/18/2002	497	491	599	600	
00:10:00	11/18/2002	496	490	599	600	
00:15:00	11/18/2002	496	496	599	600	
00:20:00	11/18/2002	496	499	599	600	
00:25:00	11/18/2002	498	497	599	600	
00:30:00	11/18/2002	498	493	599	600	
00:35:00	11/18/2002	497	493	599	600	
00:40:00	11/18/2002	497	491	599	600	
00:45:00	11/18/2002	496	488	599	600	

Ethernet To
Plant Management
Reports
Recipes
Quality Reporting

Temperature Control
6 Heat/Cool Zones
6 Heat Only Zones
More Add \$300/Zone
Startup/shutdown
2 Motor Starts



Drives Optional

Signal Converter
with Calibration relay
Add \$450 each



Pressure Transducers
Optional
Add for \$800 each



Solid State Relays
Optional



Thermocouples
Optional



Operator Touchscreen Station Screens

11/18/2002
14:56:07

McGoff-Bethune, Inc.

Barrell Zones Die Zones Other Zones

Motors Pressures Recipes

Overview System

Modbus 15 Failure

Main Help **Alarms** Ack

Main Screen

498 496 599 600 498 496 599

Barrell Zones

473 472 602 596 473

Die Zones

Pressure
599 498
Before After

602 596 602 596 472 600

F1 T1 SC Plate SC Body DA Spare

Modbus 15 Failure

Main Alarms Ack

Overview Screen

Barrell Temperature Zones

1	2	3	4
498	495	599	600
500	450	600	650
5	6	7	
498	495	599	
500	450	600	

Modbus 15 Failure

Main Settings Alarms Ack

Barrell Temperatures Screen

Loaded in Controller Edit Recipe

BZ1	500		500
BZ2	450		450
BZ3	600	Save>	<Save
BZ4	650		650
BZ5	500	<Load	Get>
BZ6	450		450
BZ7	600		600
Spare	650		650
F1	555		555
T1	599		599

RECIPE

Recipe 1

Modbus 15 Failure

Main Recipe Pg 2

Recipe Screen

Pressures

Before	After
Screen Pack	Screen Pack
4971	2967

Go To Calibrate

Pressure Before High

Main Alarms Ack

Pressure Screen

Alarm History

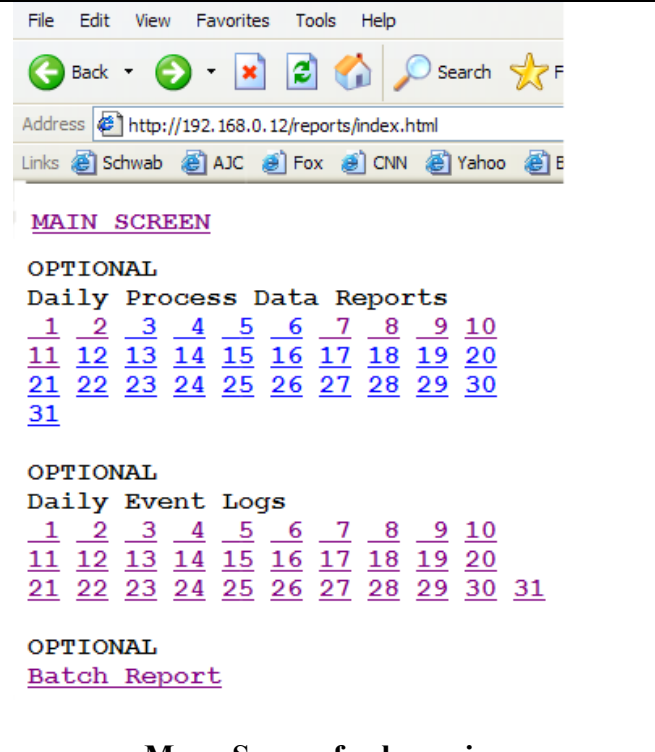
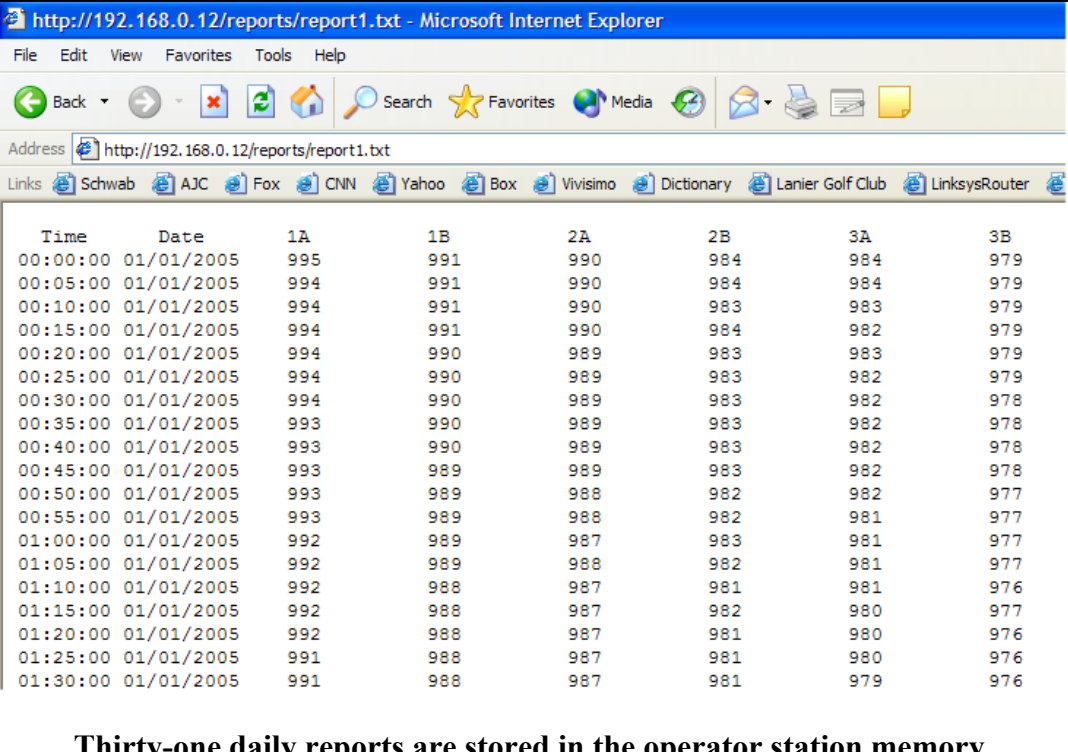
- 11/20/2002 15:58:11 Barrell Zone 1 High
- 11/20/2002 15:58:11 Barrell Zone 2 High
- 11/20/2002 15:58:11 Die Zone 1 High
- 11/20/2002 15:58:11 Die Zone 2 High
- 11/20/2002 15:58:11 Barrell Zone 3 High
- 11/20/2002 15:58:11 Barrell Zone 4 High
- 11/20/2002 15:58:11 Die Zone 3 High
- 11/20/2002 15:58:11 Die Zone 4 High
- 11/20/2002 15:58:11 Barrell Zone 5 High
- 11/20/2002 15:58:11 Barrell Zone 6 High
- 11/20/2002 15:58:11 Die Zone 5 High
- 11/20/2002 15:58:11 DA Zone High
- 11/20/2002 15:58:11 Barrell Zone 7 High

Modbus 15 Failure

Main Current Alarms Ack

Alarm History Screen

Engineering Reports Viewed Over Plant Network from Browser

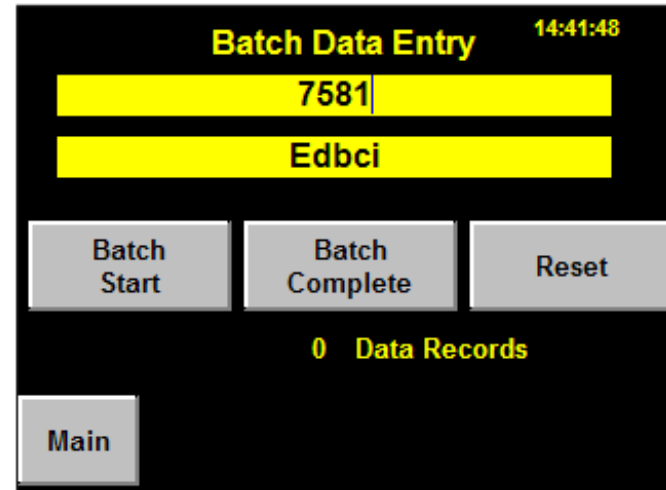
MAIN BROWSER MENU SCREEN	DAILY PROCESS DATA REPORT																																																																																																																																																																
 <p>MAIN SCREEN</p> <p>OPTIONAL Daily Process Data Reports 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>OPTIONAL Daily Event Logs 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p> <p>OPTIONAL Batch Report</p> <p style="text-align: center;">Menu Screen for browsing.</p>	 <p style="text-align: center;">DAILY PROCESS DATA REPORT</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Time</th> <th>Date</th> <th>1A</th> <th>1B</th> <th>2A</th> <th>2B</th> <th>3A</th> <th>3B</th> </tr> </thead> <tbody> <tr><td>00:00:00</td><td>01/01/2005</td><td>995</td><td>991</td><td>990</td><td>984</td><td>984</td><td>979</td></tr> <tr><td>00:05:00</td><td>01/01/2005</td><td>994</td><td>991</td><td>990</td><td>984</td><td>984</td><td>979</td></tr> <tr><td>00:10:00</td><td>01/01/2005</td><td>994</td><td>991</td><td>990</td><td>983</td><td>983</td><td>979</td></tr> <tr><td>00:15:00</td><td>01/01/2005</td><td>994</td><td>991</td><td>990</td><td>984</td><td>982</td><td>979</td></tr> <tr><td>00:20:00</td><td>01/01/2005</td><td>994</td><td>990</td><td>989</td><td>983</td><td>983</td><td>979</td></tr> <tr><td>00:25:00</td><td>01/01/2005</td><td>994</td><td>990</td><td>989</td><td>983</td><td>982</td><td>979</td></tr> <tr><td>00:30:00</td><td>01/01/2005</td><td>994</td><td>990</td><td>989</td><td>983</td><td>982</td><td>978</td></tr> <tr><td>00:35:00</td><td>01/01/2005</td><td>993</td><td>990</td><td>989</td><td>983</td><td>982</td><td>978</td></tr> <tr><td>00:40:00</td><td>01/01/2005</td><td>993</td><td>990</td><td>989</td><td>983</td><td>982</td><td>978</td></tr> <tr><td>00:45:00</td><td>01/01/2005</td><td>993</td><td>989</td><td>989</td><td>983</td><td>982</td><td>978</td></tr> <tr><td>00:50:00</td><td>01/01/2005</td><td>993</td><td>989</td><td>988</td><td>982</td><td>982</td><td>977</td></tr> <tr><td>00:55:00</td><td>01/01/2005</td><td>993</td><td>989</td><td>988</td><td>982</td><td>981</td><td>977</td></tr> <tr><td>01:00:00</td><td>01/01/2005</td><td>992</td><td>989</td><td>987</td><td>983</td><td>981</td><td>977</td></tr> <tr><td>01:05:00</td><td>01/01/2005</td><td>992</td><td>989</td><td>988</td><td>982</td><td>981</td><td>977</td></tr> <tr><td>01:10:00</td><td>01/01/2005</td><td>992</td><td>988</td><td>987</td><td>981</td><td>981</td><td>976</td></tr> <tr><td>01:15:00</td><td>01/01/2005</td><td>992</td><td>988</td><td>987</td><td>982</td><td>980</td><td>977</td></tr> <tr><td>01:20:00</td><td>01/01/2005</td><td>992</td><td>988</td><td>987</td><td>981</td><td>980</td><td>976</td></tr> <tr><td>01:25:00</td><td>01/01/2005</td><td>991</td><td>988</td><td>987</td><td>981</td><td>980</td><td>976</td></tr> <tr><td>01:30:00</td><td>01/01/2005</td><td>991</td><td>988</td><td>987</td><td>981</td><td>979</td><td>976</td></tr> </tbody> </table> <p style="text-align: center;">Thirty-one daily reports are stored in the operator station memory.</p>	Time	Date	1A	1B	2A	2B	3A	3B	00:00:00	01/01/2005	995	991	990	984	984	979	00:05:00	01/01/2005	994	991	990	984	984	979	00:10:00	01/01/2005	994	991	990	983	983	979	00:15:00	01/01/2005	994	991	990	984	982	979	00:20:00	01/01/2005	994	990	989	983	983	979	00:25:00	01/01/2005	994	990	989	983	982	979	00:30:00	01/01/2005	994	990	989	983	982	978	00:35:00	01/01/2005	993	990	989	983	982	978	00:40:00	01/01/2005	993	990	989	983	982	978	00:45:00	01/01/2005	993	989	989	983	982	978	00:50:00	01/01/2005	993	989	988	982	982	977	00:55:00	01/01/2005	993	989	988	982	981	977	01:00:00	01/01/2005	992	989	987	983	981	977	01:05:00	01/01/2005	992	989	988	982	981	977	01:10:00	01/01/2005	992	988	987	981	981	976	01:15:00	01/01/2005	992	988	987	982	980	977	01:20:00	01/01/2005	992	988	987	981	980	976	01:25:00	01/01/2005	991	988	987	981	980	976	01:30:00	01/01/2005	991	988	987	981	979	976
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OPTIONAL BATCH REPORT

Line 8 Batch Report
 Batch No. 7581
 Operator Edbci
 Product Run 7 Meters
 START TIME 11/18/04 10:48:07
 STOP TIME 11/18/04 10:53:40

Date	Time	TC1	TC2	TC3	TC4	TC5
11/18/04	10:48:07	839.0	836.0	834.0	824.0	823.0
11/18/04	10:49:00	840.0	837.0	835.0	825.0	825.0
11/18/04	10:50:00	842.0	838.0	837.0	827.0	826.0
11/18/04	10:51:00	843.0	839.0	838.0	827.0	827.0
11/18/04	10:52:00	844.0	840.0	839.0	828.0	827.0
11/18/04	10:53:00	845.0	841.0	839.0	829.0	828.0
11/18/04	10:53:40	846.0	842.0	840.0	830.0	829.0

This report is available through the plantwide network using a browser.



Batch Report Setup Screen on the Operator Touchscreen Station.

OPTIONAL EVENT REPORT

Daily Event Report

01/11/2005	14:40:19	Zone 1A	SP Set To	999
01/11/2005	14:40:19	Zone 1B	SP Set To	300
01/11/2005	14:40:20	Zone 2A	SP Set To	300
01/11/2005	14:40:21	Zone 2B	SP Set To	300
01/11/2005	14:42:18	Zone 1B	SP Set To	350
01/11/2005	14:42:24	Zone 1A	Manual	
01/11/2005	14:42:29	Zone 1A	SP Set To	350
01/11/2005	14:43:15	Zone 2B	SP Set To	325

Records all events defined by the customer.

Available through the plantwide network using a browser .

Thirty-one (31) daily reports maintained in operator station memory.