



## Data Acquisition System

*The data acquisition system captures and saves a snapshot of all process and set values for each cycle. This data is stored on a compact flash card and may be retrieved through an external RJ45 Ethernet port.*



### Data Acquisition System Option

The data acquisition system, consisting of a stand-alone data logger which, captures a “snap shot” of all process and set values for each cycle. Data from the PLC is sent to the data logger which then attaches a date/time stamp prior to storage on a CF card. An external RJ45 Ethernet port provides access to the data files and a web page displaying the last cycle data. The data acquisition system is not 21 CFR Part 11 compliant.

- Access to the data is available via an external Ethernet port.
- The complete history of (from the time the CF card was last cleared) data can be viewed on a web browser from any location or downloaded from the CF card directly to a Microsoft Excel file.
- Data files saved as .csv format - No data conversion is required

- Standard data capture for every seal cycle includes:
  - date and time stamp
  - temperature: set point and actual value (measured at center control thermocouple)
  - temperature: rise time to set temperature, fall time to release temperature
  - time: set point and actual value
  - pressure: set point and actual value
  - cycle alarms
  - recipe number (if machine is configured with recipe storage)

	A	B	C	D	E	F	G	I	J	K	L	N	O
1	DATE	TIME	RECIPE NBR	HEAT SV	HEAT HI ALM SV	HEAT LO ALM SV	CENTER PV	SEAL PRESSURE SV	SEAL PRESSURE HI ALM SV	SEAL PRESSURE LO ALM SV	SEAL PRESSURE PV	SEAL TIME SV	SEAL TIME PV
2	3/18/2015	8:44:31	0	270	275	265	270	40	45	37	40	1.50	1.50
3	3/18/2015	8:44:37	0	270	275	265	270	40	45	37	41	1.50	1.50
4	3/18/2015	8:44:48	0	270	275	265	271	40	45	37	40	1.50	1.50
5	3/18/2015	8:44:57	0	270	275	265	270	40	45	37	39	1.50	1.50
6	3/18/2015	8:45:01	0	270	275	265	270	40	45	37	40	1.50	1.50
7	3/18/2015	8:45:16	0	270	275	265	269	40	45	37	40	1.50	1.50

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*Features and specifications subject to change without notice.*



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