

# Meter-Master

# Model 100 Program Software

The Model 100 Program Interfaces With All Model 100 Hardware Products

## DESCRIPTION

The Model 100 Program software is compatible with all versions of Windows and, once installed on a PC, interfaces via an RS232 cable with the Model 100EL Flow Recorder, Model 100P Pressure Recorder, and the Model 100XP Pressure Recorder. The software performs all interface functions with the recorders, including initialization, downloading, and displaying current values using the Realtime Display. Data is downloaded into an Access format so that the Trace Wizard and MeterSizer software accessories are able to easily import raw flow data and perform their analyses.

Once flow or pressure data has been downloaded, the Model 100 Program provides for various graph and report options, all of which can easily be converted into Word, Excel, and other third party file formats. Although the data storage intervals range from 1 to 60 seconds, reports and graphs can be created using any resolution levels desired. Similarly, the start and end dates and times of reports and graphs can easily be modified to any dates and times within the recording period. This enables you to zoom in on specific events and timeframes and to create reports and graphs for required timeframes, such as hourly consumption data with each hour's data matching clock hours.

Flow graphs and reports include volume, maximum/average/minimum rates, and rate vs. volume options. Pressure reports and graphs include average and maximum/average/minimum. The Model 100 Program database includes substantial preprogrammed meter (flow) and range (pressure) options in order to simplify operation. Additional flow and pressure database options may easily be added permanently in order to eliminate repetitive initialization tasks. The best thing about the Model 100 Program is that it has been custom designed for these specific applications so that operation can be both simple and powerful.

The screenshot displays the Meter-Master software interface. The main window shows the Meter-Master logo and version information. Several data windows are open, including a 'Realtime Display' showing a current flow rate of 1705 GPD and a 'Flow Rate' window with a bar chart. Other windows show flow rate graphs for 'Excel Industries' and 'Terrell Apartments'. A settings window is also visible, showing recording status and data storage options.

**Flow Report**  
Montgomery

**Location Information**  
ID: T-13955434  
Name: Montgomery  
Address: 673 Horseshoe Lane  
City: Carlsbad  
State/Prov: New Mexico  
Postal Code: 88555  
Phone: 889-555-4444  
Notes: Demand Study

**Meter Information**  
Make: Schlumberger  
Model: 100 Turbine  
Size: 6  
Unit: Gallons

Date/Time	Volume	Maximum	Average	Minimum
03:05:99 13:00:00	26,423.60	450.99	440.39	429.19
03:05:99 15:00:00	24,162.92	420.01	402.71	378.69
03:05:99 16:00:00	24,442.92	440.66	407.38	385.58
03:05:99 17:00:00	24,696.80	420.01	411.21	385.58
03:05:99 18:00:00	24,952.44	426.89	415.87	399.35
03:05:99 19:00:00	26,549.84	468.20	442.50	420.01
03:05:99 20:00:00	27,658.37	481.97	460.97	440.66
03:05:99 21:00:00	46,476.76	464.76	454.58	434.63
03:05:99 22:00:00	25,928.43	454.43	432.14	420.01
03:05:99 23:00:00	24,790.63	426.89	413.18	399.35
03:06:99 00:00:00	24,952.44	440.66	415.87	399.35
03:06:99 01:00:00	26,210.39	454.43	436.84	431.48
03:06:99 02:00:00	26,434.16	457.19	440.57	436.07
03:06:99 03:00:00	27,118.56	461.32	451.98	447.55
03:06:99 04:00:00	25,262.28	449.84	421.04	403.94
03:06:99 05:00:00	23,719.96	426.89	399.33	382.14
03:06:99 06:00:00	22,992.41	392.46	382.21	378.69
03:06:99 07:00:00	23,485.86	392.46	391.43	389.02
03:06:99 08:00:00	23,173.73	389.02	386.23	384.81
03:06:99 09:00:00	22,992.41	392.46	382.21	378.69
03:06:99 10:00:00	22,714.71	387.55	378.58	358.04
03:06:99 11:00:00	23,795.70	408.53	396.60	371.81
03:06:99 12:00:00	23,947.18	413.12	399.12	385.58
03:06:99 13:00:00	23,100.29	413.12	385.01	364.92
03:06:99 14:00:00	22,491.62	392.46	374.86	355.28
03:06:99 15:00:00	22,531.56	382.82	375.53	355.28
03:06:99 16:00:00	22,553.59	392.46	375.89	368.36
03:06:99 17:00:00	22,161.72	373.77	369.36	367.22
03:06:99 18:00:00	24,376.69	442.96	406.28	373.77

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**Pressure Report**  
Tricer Industries

**Location Information**  
ID: 210002  
Name: Tricer Industries  
Address: 1 Tricer Blvd  
City: Weston  
State/Prov: PA  
Postal Code: 18420  
Phone: 887-456-6789  
Notes: Pressure Complaint

**Parameters**  
Unit: PSI  
Grid Interval: 600 Seconds  
Max-Min Interval: 10 Seconds

Date/Time	Maximum	Average	Minimum
08:07:99 16:21:54	80.11	59.63	39.05
08:07:99 16:21:54	80.43	67.94	39.72
08:07:99 16:41:54	81.32	62.72	35.08
08:07:99 16:51:54	79.40	66.63	46.91
08:07:99 17:01:54	81.14	76.68	69.81
08:07:99 17:11:54	69.58	59.33	38.58
08:07:99 17:21:54	80.71	59.24	39.85
08:07:99 17:31:54	78.79	60.64	34.96
08:07:99 17:41:54	81.25	57.89	31.84
08:07:99 17:51:54	78.76	68.68	35.38
08:07:99 18:01:54	78.69	63.87	45.71
08:07:99 18:11:54	78.87	67.92	60.38
08:07:99 18:21:54	60.19	55.56	51.63
08:07:99 18:31:54	84.38	59.35	41.25
08:07:99 18:41:54	71.72	64.33	58.95
08:07:99 18:51:54	58.84	57.49	56.38
08:07:99 19:01:54	56.29	52.61	49.25
08:07:99 19:11:54	79.89	53.71	40.51
08:07:99 19:21:54	82.40	61.03	40.09
08:07:99 19:31:54	79.63	57.79	38.28
08:07:99 19:41:54	80.31	70.22	47.40
08:07:99 19:51:54	80.67	68.12	41.26
08:07:99 20:01:54	53.56	53.43	53.38
08:07:99 20:11:54	77.07	54.97	42.11
08:07:99 20:21:54	65.63	60.68	56.37
08:07:99 20:31:54	56.25	52.95	50.62
08:07:99 20:41:54	49.92	47.55	45.38
08:07:99 20:51:54	45.32	43.48	41.77
08:07:99 21:01:54	80.56	67.76	41.51
08:07:99 21:11:54	64.07	59.61	55.34
08:07:99 21:21:54	55.59	52.56	49.80
08:07:99 21:31:54	49.70	47.43	45.34
08:07:99 21:41:54	45.27	43.47	41.79
08:07:99 21:51:54	78.14	67.60	41.53

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