



Pharmalogger software allows the user to effortlessly collect, display and analyze data. A variety of powerful tools provide the ability to calculate, report and print simple professional report.

DATASHEET: PHARMASOFTWARE

Characteristic & Benefits

- aids in compliance with **FDA 21 CFR Part 11** and **GxP guidelines**
- sophisticated user friendly web interface
- Time and cost saving validated system, stands up to interrogation from auditors
- audit trail and automatic data security

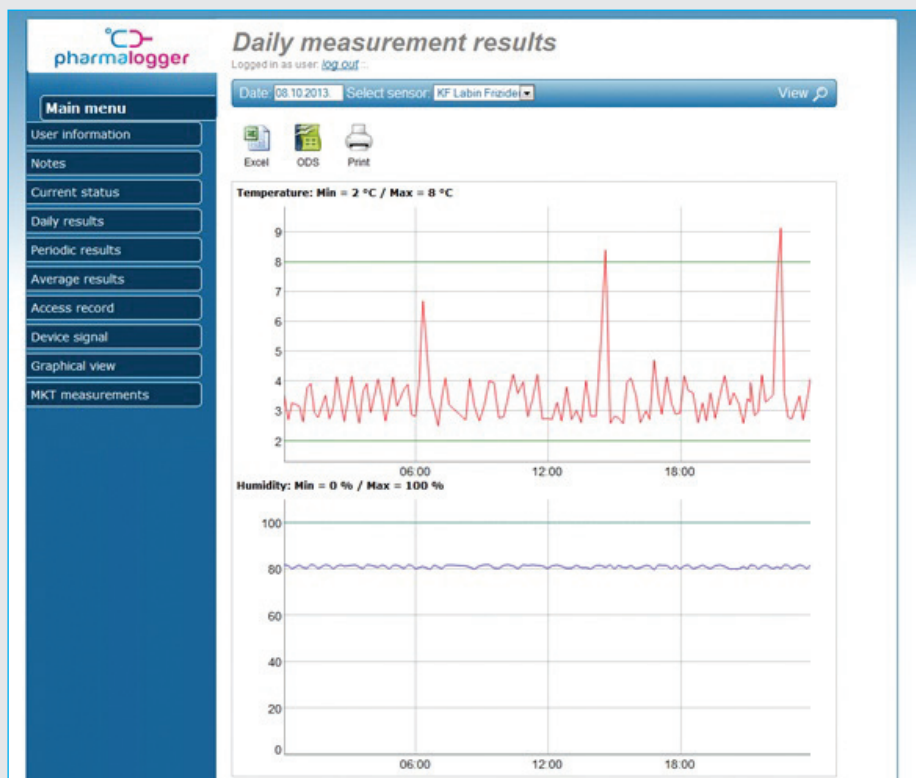
Applications

- Pharmaceutical
- Laboratory
- Hospitals
- Transport vehicles
- Warehouses
- FDA regulated organisations
- Temperature Mapping

User management	Audit trail	Web based application	IQ/OQ/PQ protocols
<p>Two levels of access - administrator and user. Administrator has access to all security settings, while users only have access to real time monitoring and analyzing data.</p>	<p>Administrator has insight into all updates created by users, changes made in settings, sent and confirmed alarm messages.</p>	<p>Application can be accessed from any computer and smartphone running any operating system with any web browser</p>	<p>Provided independent testing of the hardware and software components, as well as integrated testing of the complete Pharmalogger system.</p>

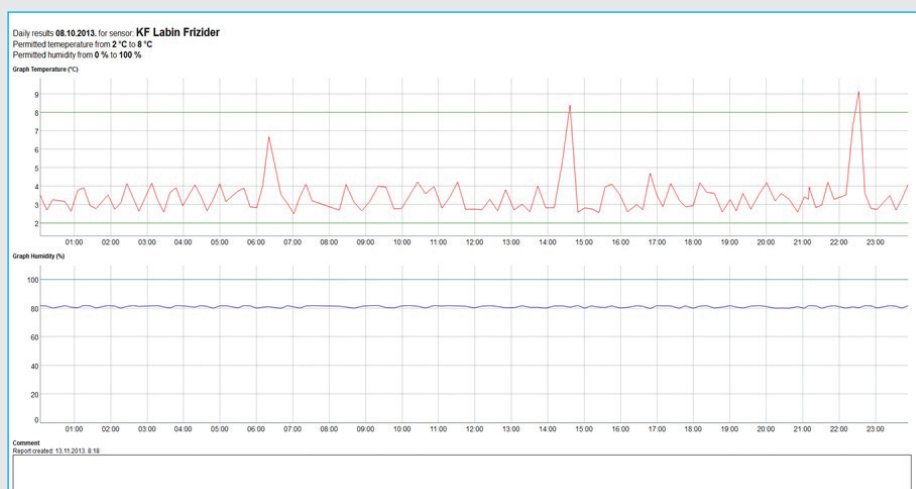
Real time monitoring and data view

Graphs and data grids are allowing the user to quickly and easily get information about temperature and relative humidity result.



Data export and automatic reports

Export function enables easy data analyses and generating automated 21 CFR Part 11 Regulatory compliance reporting.



Pharmaceutical calculations & statistics

Software provides calculation as minimum, maximum and average measurement result on daily base, and MKT (Mean Kinetic Temperature) for the chosen time period.

The screenshot displays two screenshots of the pharmaLogger software interface. The top screenshot shows the 'Average measurement results' page, and the bottom screenshot shows the 'Recorded MKT' page.

Average measurement results

Logged in as user: [log out](#)

Date from: 19.09.2013 Date to: 30.09.2013 sensor: [alias1](#) View

Excel ODS Print

Temperature: min 10 / max 40°C, Humidity: min 0 / max 100%

Sensor	Time	Min Temp.	Max Temp.	Aver Temp.	Min Humidity	Max Humidity	Aver Humidity
alias1	03.09.2013	27.55°C	28.71°C	27.99°C	43.38%	52.50%	49.70%
alias1	04.09.2013	23.63°C	27.57°C	24.55°C	39.35%	52.99%	49.18%
alias1	05.09.2013	24.18°C	25.51°C	24.71°C	40.86%	52.58%	49.52%
alias1	06.09.2013	23.85°C	24.82°C	24.53°C	39.27%	52.55%	49.65%
alias1	19.09.2013	22.09°C	23.62°C	22.75°C	54.07%	56.20%	55.58%
alias1	20.09.2013	20.84°C	23.23°C	22.17°C	43.03%	55.98%	52.39%
alias1	21.09.2013	21.68°C	22.05°C	21.84°C	55.31%	56.54%	55.88%
alias1	22.09.2013	21.57°C	21.87°C	21.75°C	54.74%	56.84%	55.98%
alias1	23.09.2013	20.59°C	24.00°C	22.21°C	47.92%	56.72%	54.05%
alias1	24.09.2013	21.51°C	23.29°C	22.19°C	53.13%	57.49%	56.02%
alias1	25.09.2013	21.84°C	22.77°C	22.22°C	57.42%	60.63%	58.84%
alias1	26.09.2013	21.86°C	22.04°C	21.94°C	59.38%	59.60%	59.47%
alias1	30.09.2013	21.14°C	21.14°C	21.14°C	51.31%	51.31%	51.31%

pharmaLogger
Version: 2.8.03
Released: 9.8.2013

Recorded MKT

Logged in as user: [log out](#)

Date from: 19.09.2013 to: 30.09.2013 Select sensor: [alias1](#) View

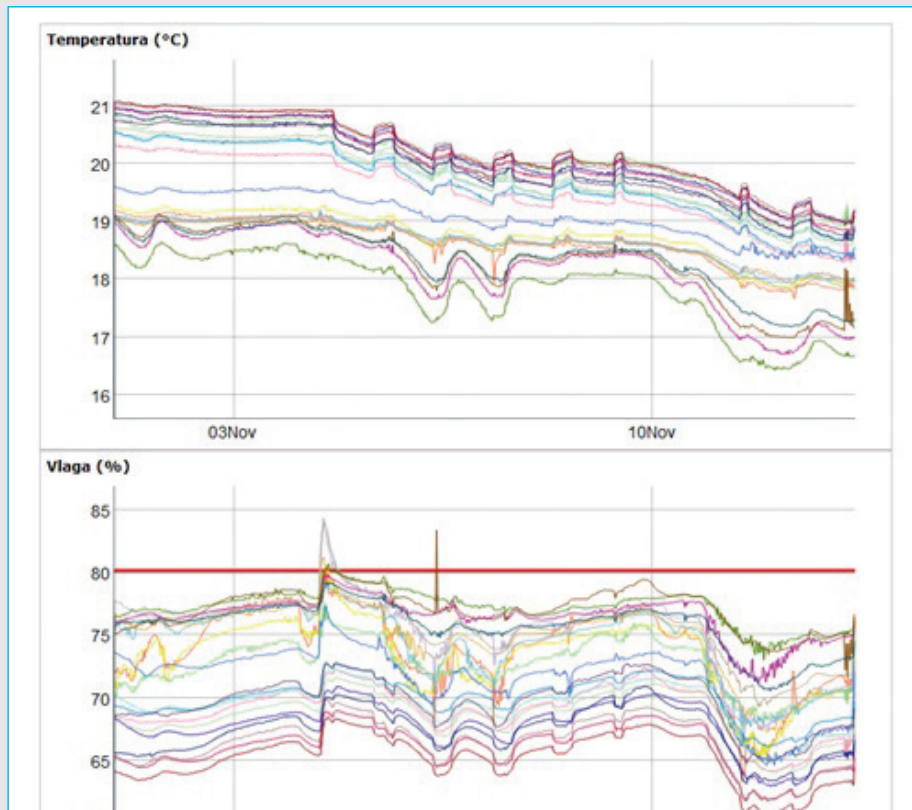
Calculation MKT

MKT : 22.13 °C
MKT : 295.26 K
Sample : 862 measurements

Time	Celsius	Kelvin
19.09.2013 11:31:06	22.68 °C	295.83 K
19.09.2013 11:41:49	22.71 °C	295.86 K
19.09.2013 11:52:10	22.78 °C	295.93 K
19.09.2013 12:02:28	22.81 °C	295.96 K
19.09.2013 12:12:44	22.82 °C	295.97 K
19.09.2013 12:23:09	22.85 °C	296.00 K
19.09.2013 12:34:47	22.95 °C	296.10 K
19.09.2013 12:44:54	22.95 °C	296.10 K
19.09.2013 12:55:11	22.89 °C	296.04 K
19.09.2013 13:05:33	22.95 °C	296.10 K
19.09.2013 13:15:53	22.95 °C	296.10 K
19.09.2013 13:26:13	23.05 °C	296.20 K
19.09.2013 13:36:29	23.13 °C	296.28 K
19.09.2013 13:46:53	23.18 °C	296.33 K
19.09.2013 13:57:44	23.15 °C	296.30 K
19.09.2013 14:08:28	23.1 °C	296.25 K
19.09.2013 14:19:07	23.13 °C	296.28 K
19.09.2013 14:30:00	23.29 °C	296.44 K
19.09.2013 14:40:21	23.36 °C	296.51 K
19.09.2013 14:50:43	23.59 °C	296.74 K
19.09.2013 15:01:03	23.59 °C	296.74 K
19.09.2013 15:11:32	23.57 °C	296.72 K
19.09.2013 15:21:51	23.37 °C	296.52 K
19.09.2013 15:32:11	23.45 °C	296.60 K
19.09.2013 15:42:33	23.57 °C	296.72 K
19.09.2013 15:53:01	23.62 °C	296.77 K
19.09.2013 16:03:23	23.62 °C	296.77 K
19.09.2013 16:14:11	23.54 °C	296.69 K
19.09.2013 16:24:22	23.28 °C	296.43 K

Multiple graph data

Recorded data from multiple sensors can be easily combined in a single graph by simply selecting monitored area or specific sensors.



Real Time Alarm

Provides alarm notifications to cell phone, e-mail, or PC when temperature and/or humidity conditions exceed set thresholds.

