

E2R MOISTURE ANALIZERS



Product Description:

E2R Moisture Analyzers system enables keeping records from measurements carried out on network of RADWAG moisture analyzers. The data is stored into MS SQL 2000 or 2005 computer database. Processed data enable generating graphs and reports for carried out drying processes.

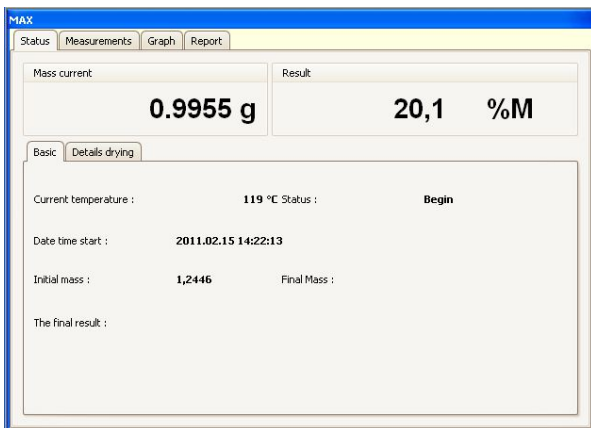
The software has practical application in laboratories and production plants using RADWAG moisture analyzers for systematic monitoring the last stage of production process. This is an indispensable tool in any facility where control, archiving and real-time analysis of drying data is required.

Designed for balance model:

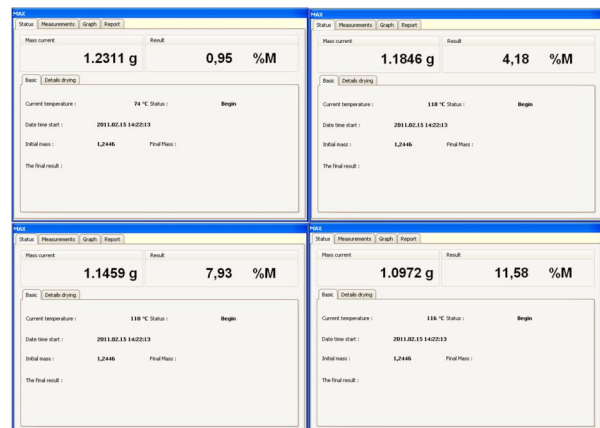
- ▶ Moisture Analyzer series MAX

Functions:

- ▶ Reading data from a moisture analyzer and saving them in MS SQL database:
- ▶ On-line operation allows real-time monitoring of drying processes in progress, from any PC;
- ▶ Viewing online drying process status, including the following:
 - current mass in grams,
 - current temperature,
 - drying order status,
 - date and time of drying process initiation,
 - drying time,
 - initial mass,
 - final mass,
 - final result,
 - drying profile,
 - temperature of drying order,
 - type of order accomplishing,
 - date and time of recording the measurements into database,
 - displaying one of drying process results (moisture content %M, dry content %D, moisture/dry %R, mass in grams, percentage graph %M),



View of a single moisture analyzer



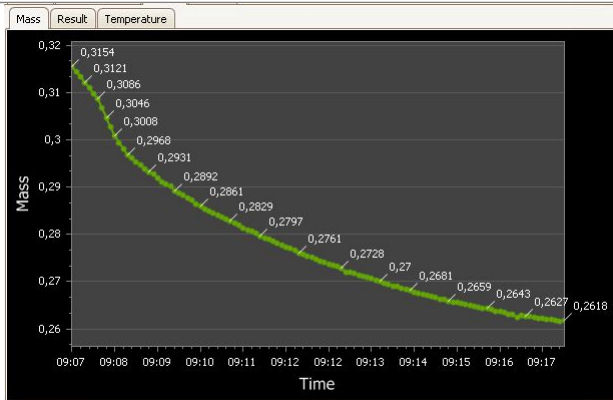
View of four moisture analyzers

- ▶ On-line status view of measurements and drying results:
 - date and time of conducting measurement,
 - current result,
 - total mass,
 - measurement result unit;

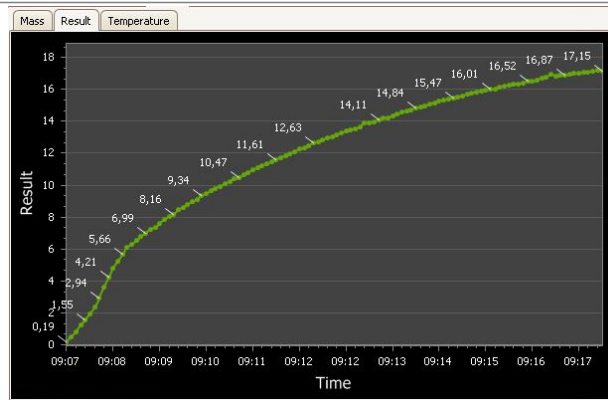
Date and time weighing	Total mass	Masa in unit	Unit of weighing
2011.02.15 09:17	0,262	17,180	%M
2011.02.15 09:17	0,262	17,150	%M
2011.02.15 09:17	0,262	17,120	%M
2011.02.15 09:17	0,262	17,090	%M
2011.02.15 09:17	0,262	17,060	%M
2011.02.15 09:16	0,262	16,990	%M
2011.02.15 09:17	0,262	16,990	%M
2011.02.15 09:16	0,262	16,960	%M
2011.02.15 09:16	0,263	16,930	%M
2011.02.15 09:16	0,263	16,870	%M
2011.02.15 09:16	0,263	16,870	%M
2011.02.15 09:16	0,263	16,840	%M
2011.02.15 09:16	0,263	16,740	%M
2011.02.15 09:16	0,263	16,710	%M
2011.02.15 09:16	0,264	16,580	%M
116		MIN=0,2617	MAX=17,180000

► Generating on-line graphs related to drying time:

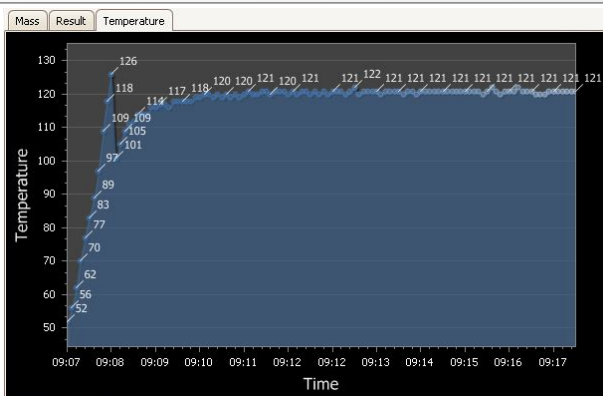
• mass,



• result,



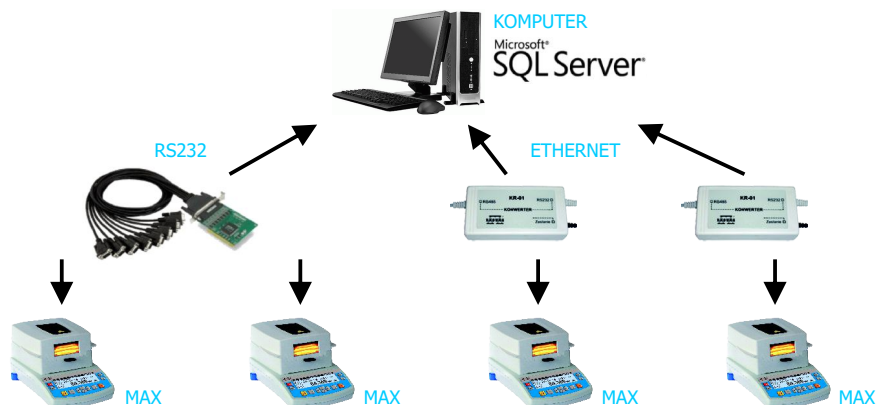
• temperature;



► Access to reports generated by moisture analyzers,

Status	Measurements	Graph	Report
----- Drying start ----- Date : 15/02/2011 Time : 09:14:43 Balance Id. : 249471 Profile : Standard Dry temp. : 120 C Switch off : Automatic 3 Result : Moisture content - %M Print int. : 5 s			Final weight : 0.2615 g Total time : 0:09:45 Final result : 17.25 %M ----- Drying end -----
Start weight : 0.3160 g			

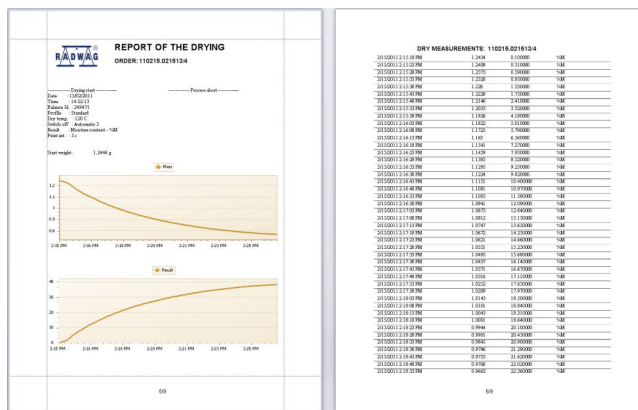
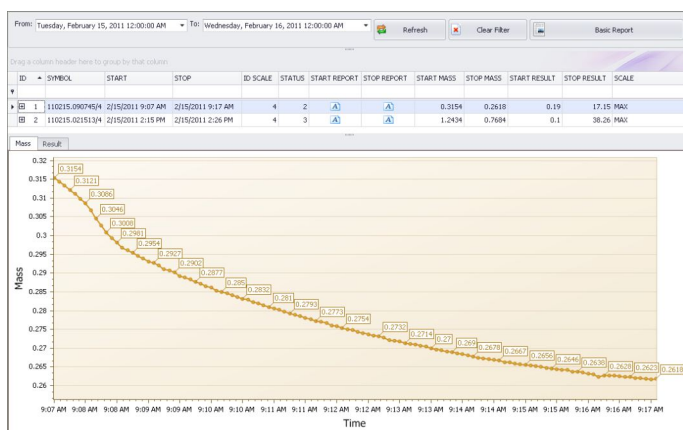
- Support and monitoring of 16 moisture analyzers,
- Automatic initiation of connection between moisture analyzers with a database after PC start up (working as OS service);
- Moisture analyzers can be connected through multiport RS 232 card or Ethernet/RS232 converter within Ethernet network;



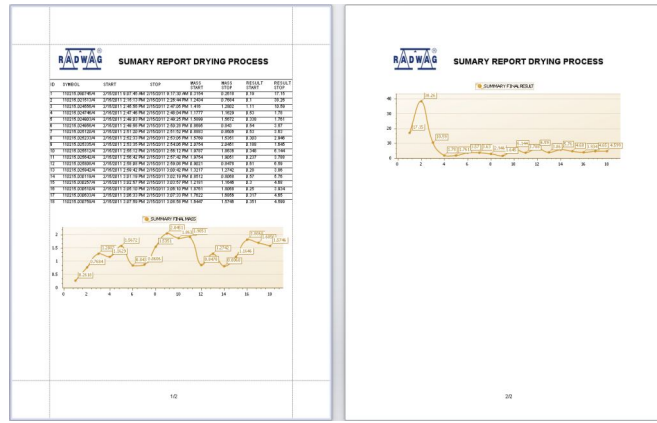
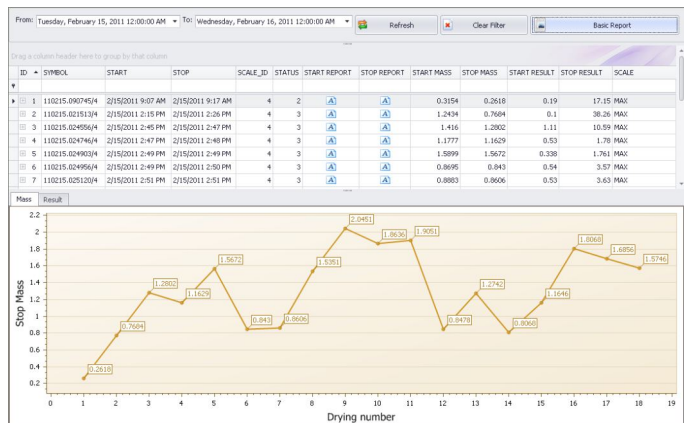
► Data and records filters, grouping and sorting of orders and single measurement;

Records of reports and graphs:

- Selected order record,



- Overall comparison of results;



- Defining different access levels for users;
- Multilanguage interface of each system component;
- Graphical interface customization: individual reports and graphs templates;
- Operation in Ethernet network.

Minimum hardware requirements:

- processor 2 GHz
- minimum 10 GB HDD free space
- RAM 2 GB
- OS Windows XP / Vista / 7
- moisture analyzer series MAX with firmware version MBM v.44 or higher

* NOTE! RADWAG does not sell software 'in box'. Boxes presented on our Web-site are of virtual characteristic only, and they are not accessible with purchased software.

RADWAG

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