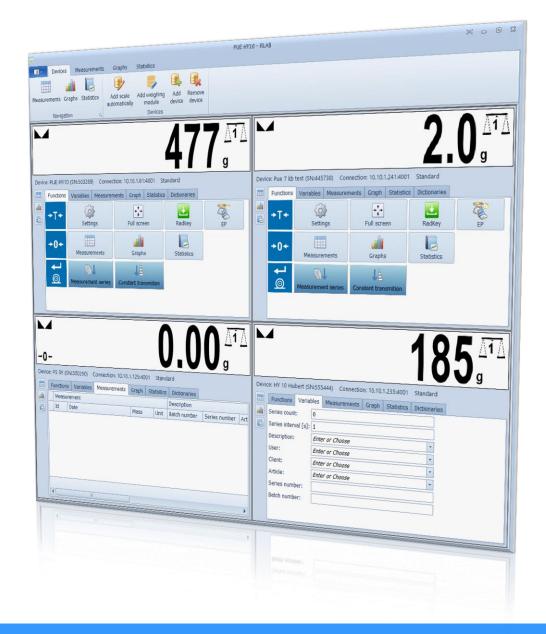






R-Lab General information

R-Lab is an up-to-date program offering aquisition of measurements sent from RADWAG-manufactured balances, their presentation and statistical analysis. The program allows reports and graphs generating and customization.





Compatibility

With weighing devices

LABORATORY balances INDUSTRIAL scales WEIGHING MODULES

R-Lab is compatible with all models of RADWAGmanufactured balances and scales.





Measurement record

Manual and automatic

Manual record is carried out upon pressing print/enter key.



Automatic record is done for a series of measurements (measurements quantity and time interval are specified).



2 2 24 2016.10.11 12:55:22.191 4:39 g Testing 001 0.1 Test. Test. Oper. PU PU 25 25 2016.10.11 12:55:24.213 4:39 g Testing 001 0.1 Test. Test. Oper PU PU 26 26 2016.10.11 12:55:36 219 4:39 G Testing 001 0.1 Test Test Oper PU PU PU 27 27 2016.10.11 12:55:40.187 4:39 G Testing 001 0.1 Test Test Oper PU PU <th>Mo Seri</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>liters</th> <th></th> <th></th> <th>Statistics Measurements to:</th> <th>Graphs !</th> <th></th>	Mo Seri							liters			Statistics Measurements to:	Graphs !	
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26 26 2016.10.11 1253.26 219 439 0 Testing 001 01 Test. Oper PU PU PU 27 27 2016.10.11 1253.36 221 439 6 Testing 001 01 Test. Test. Oper PU								Testing	a	439	2016.10.11 12:53:34 .213	5 25	25
27 27 204:01.01 12:53:38 221 439 G Testing 001 01 Test Test Oper PU	PU 503	PU	Oper	Test	Test	01		Testing	-		2016.10.11 12:53:36 .219	5 26	2
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28 29 2016.10.11 12/5574.188 439 g Testing 0.01 0.1 Test Test Oper PU	PU 503	PU	Oper	Test	Test	01	001						2
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30 39 2054.01.11 15/21:53.6.15 382 g Testing Test Oper PU	PU 503							Testing	g	382			-
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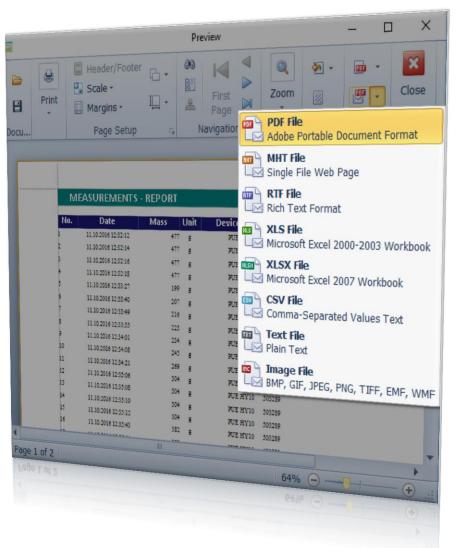


Balance data readout

Export of data to file

R-Lab software enables export of balance data to a computer. It supports the following file formats:

- PDF
- MHT (Web)
- RTF
- XLS (Excel 2000 2003)
- XLSX (Excel 2007)
- **CSV** (Comma-separated values)
- Text or graphic file formats





Data visualization

Measurements presented in a graphic form

- Measurements graph with statistics data
- Gaussian distribution function and bar graph
- Stability graph difference between successive measurements
- All in one graph





Statistics

Statistical analysis of measurement data

- Measurements quantity
- Minimum value
- Maximum value
- Mean value
- Median
- Deviation: average, standard
- Variance
- Variance and deviation estimator
- Total weight

	PUE HY10 - RLAB	(0)	0	23
Devices Me	asurements Graphs Statistics		 	
Devices Measurements Navigation	Graphs Clear Statistics filters - report Filters Reports Filters			
Measurements count:	31			
Minimum value:	199			
Maximum value:	570			
Average value:	369,677419355			
Median:	382			
Average deviation :	102,955254943			
Standard deviation:	116,449182353			
Square deviation:	13560,41207076			
Variance:	13560,41207076			
Estimated variance:	14012,425806452			
Estimated deviation:	118,374092632			
Sum of measurements:	11460			
Devices: all Fill DGA[CG2: 9] H	ter - details: [Date] > '2016.10.11 00:00:00 .000' eL - qetails: [Date] > ,5016'10'11 00:00:00 '000,			
				1110



Reports

For particular measurement series

- Filtering current measurements by date, mass, unit, desription, etc.,
- Display of date-specified measurements,
- Session-based measurement reports,
- Filtering measurements by list of devices

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Auto search

Function designed to detect LAN-operating weighing devices. List of detected balances is displayed, the operator can select models that are to be used.

		IP Address	TCP Port	Model	Serial number	Name	
		10.10.1.130	4001	PUE 7.1	516158	PUE 7.1	
		10.10.1.105	4001	WLY	112233	WLY	
V		10.10.1.81	4001	PUE HY10	503289	PUE HY10	
	F	10.10.1.219	4001	WPY	454789200	WPY	
	E	10.10.1.211	4001	Pue 7 kb test	445738	Pue 7 kb test	
		10.10.1.22	4001	Pue 7	123456	Pue 7	
		10.10.1.241	4001	Pue 7 kb test	445738	Pue 7 kb test	
					<	Back Next >	Cance



Data acquisition

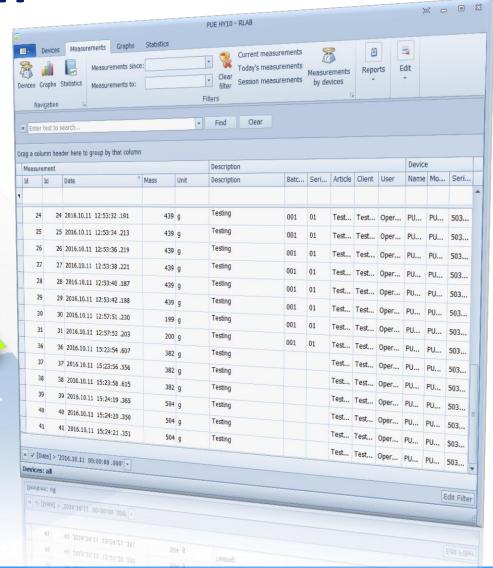
Balance-computer transfer

0

Smith

0:00:20

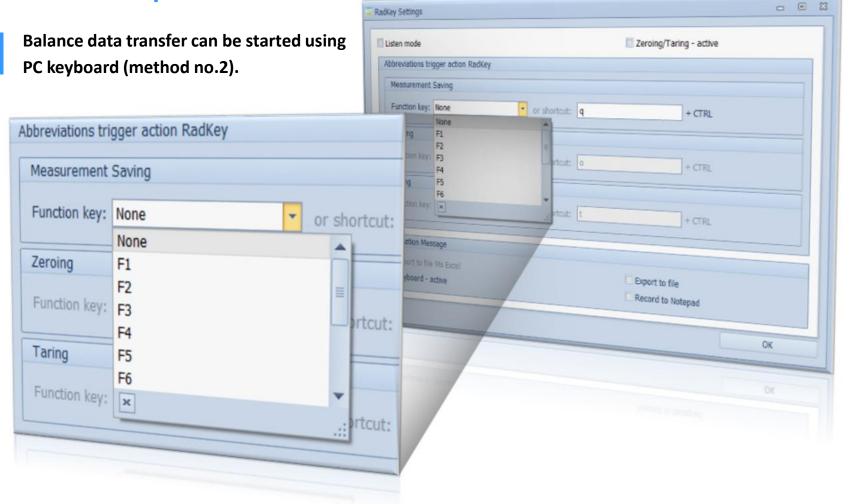
Acquisition of data from balance to a computer is performed by means of record on a balance.





Data acquisition

Balance-computer transfer

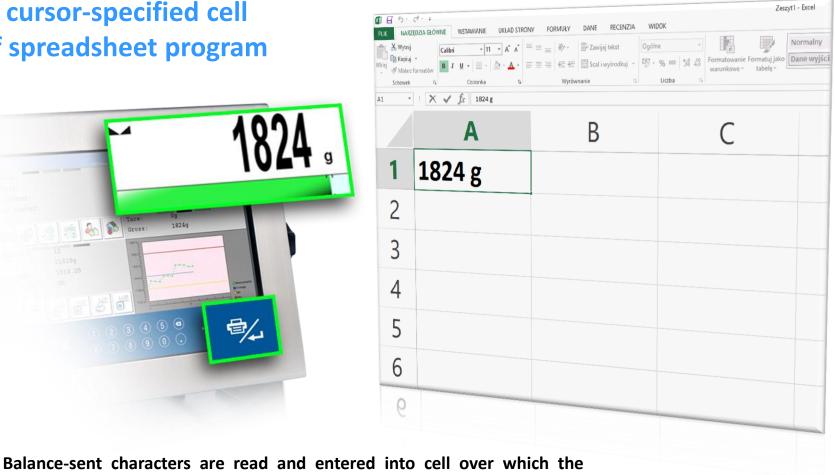




Balance indication

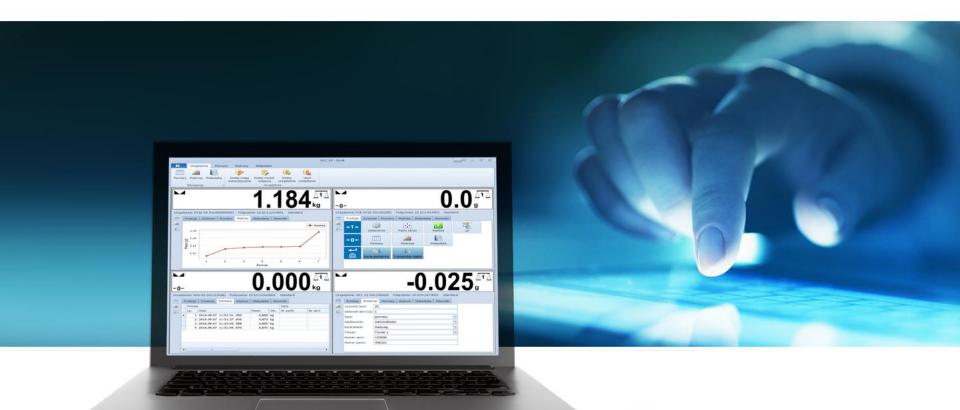
in cursor-specified cell of spreadsheet program





cursor is placed.





Thank you for your attention

www.radwag.com