

DAMAN

INSTALAB 600 - Utility software



DAMAN - software + hardware add-NIR analyzers Instalab 600 significantly expands the user experience and capabilities of these instruments.

Such devices allow:

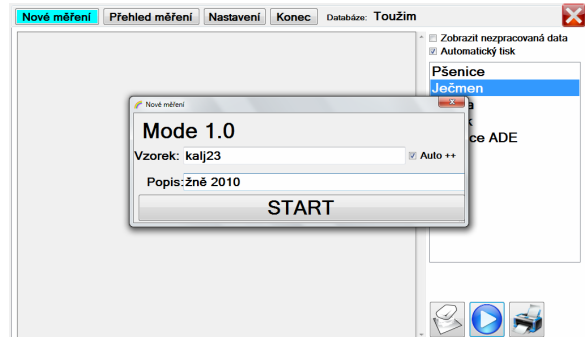
- to control the analyzer
- **to indicate the samples of any alphanumeric characters**, including the auto numbering measurements - and marked the archive
- **Easy to enter and edit calibration** - only in the PC (standard they are placed relatively complex calibration method using a combination of numeric keypad instrument and the key)
- to **expand the number of calibrations** - virtually unlimited
- All measurements are **stored in your PC**, where you can view them anytime
- Perform **export** results to **XLS** (Excel) or **CSV**
- The **measurements** taken over a local computer network **online read** into other applications, such as weighing programs
- Remote **on-line** (MEZOS - user) via an Internet connection to manage the calibration and partly to carry out the servicing instrument (recording a new calibration or edit existing ones, in cooperation with the user to analyze the causes of some error reporting instrument)
- to **export data for calibration** and the export of online messages via the Internet
- Print any printer attached to a PC (not included)
- Results are saved in the control PC and can work with them later (to view, print or export **the exact outcome of the earlier measurements**) - Utility PC (Tablet with touch screen) you can use **other applications** as desired by the customer (other applications are not included)
- and others ...

Extension includes a **PC with touch screen** (tablet) incl. OS Windows, cable Instalab-PC, **program** for communication and work with data from the instrument Instalab **DAMAN** (Data Management System).

View of performed measurement

ID	PRODUKT	NÁZEV VZORKU	Vlhkost [%]	N/látky [%]	1	2	3	4	5	6	CAS
59	Pšenice ADE	Test	13,6	12,9	26,6	42					24.3.2011 12:
58	Pšenice ADE	Test	13,5	13	26,6	42					24.3.2011 12:
57	Pšenice ADE	Test	13,5	12,9	26,6	42					24.3.2011 12:
56	Pšenice ADE	Test	16,7	6,4	30,7	34					24.3.2011 12:
55	Pšenice ADE	Test	16,7	6,4	30,7	34					24.3.2011 12:
54	Lepek	Test	7,7	13,5					1,04		24.3.2011 9:3
53	Pšenice	A104P1	11,5	12	25,2	47					23.3.2011 10:
50	Pšenice	A104P1	11,5	12	25,2	47					23.3.2011 10:
49	Pšenice	A104P1	11,5	12	25,1	47					23.3.2011 10:
48	Pšenice	A104P1	11,5	12	25,2	47					23.3.2011 10:
47	Pšenice	A104P1	11,5	11,9	24,9	47					23.3.2011 10:
46	Pšenice	A104P1	11,5	12,1	25,3	47					23.3.2011 10:
45	Pšenice	kaJ23	12,4	9,2	16,8	28					23.3.2011 9:5
44	Pšenice	kaJ23	12,4	9,3	17	28					23.3.2011 9:5
43	Ječmen	A103J2	11,1	10,2							23.3.2011 9:5
42	Ječmen	A103J2	11	10							23.3.2011 9:4
41	Ječmen	A103J2	11	10,1							23.3.2011 9:4
40	Ječmen	A103J2	11,1	10,1							23.3.2011 9:4
35	Řepka	Řepka2	5,8				44,8	0			18.3.2011 14:
34	Řepka	Řepka2	5,8				44,7				18.3.2011 14:

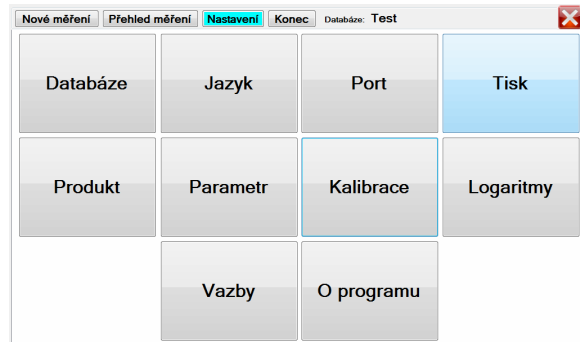
Start of measurement



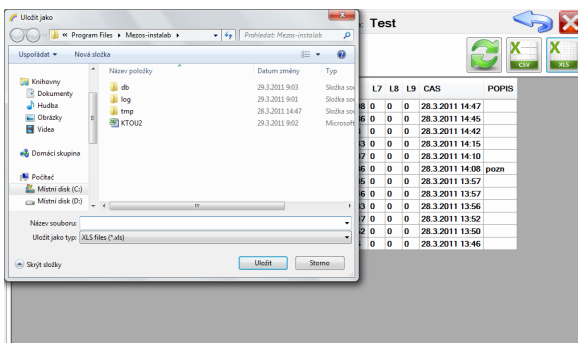
Result of performed measurement

Ječmen
kaLJS23
 Vlhkost: 11.2 %
 N/látky: 10.5 %
 28.3.2011 12:22:33
 žně 2010

Setup of program



Export of optical data (logarithms)



Manipulation with calibrations (protected with password)

ID	PRODUKT	PARAMETR	#	MIN	MAX	KA	K0	K1	K2	K3	K4	K5	K6	K7	K8	K9
1	Pšenice	Vlhkost	1	8	18	10,22	0	0	-0,0097	-0,2497	0,2518	0	0	0	0	0
3	Pšenice	Nílský	2	8	18	14,55	0	0	1,1548	0,9245	0	-0,2948	0	0	0	0
2	Pšenice	Lepek	3	15	40	30,3	0	0	3,4765	2,6178	0	-1,2399	0	0	0	0
1	Pšenice	Zelený	4	10	70	-23,7	0	0	7,9476	-5,8437	0,3402	-2,7241	0	0	0	0
5	Ječmen	Vlhkost	15	8	18	10,4	0	0	-0,0097	-0,2497	0,2518	0	0	0	0	0
6	Ječmen	Nílský	16	8	16	24,17	0	0	1,3059	-1,1617	0	-3,3442	0	0	0	0
7	Řepka	Vlhkost	32	5	11	7,26	0	0	0,1421	0,1421	0,1123	0	0	0	0	0
8	Řepka	Ólej	33	35	48	48,3	0	0	-0,2625	0,0511	0	-0,1824	0,4006	0	0	0

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