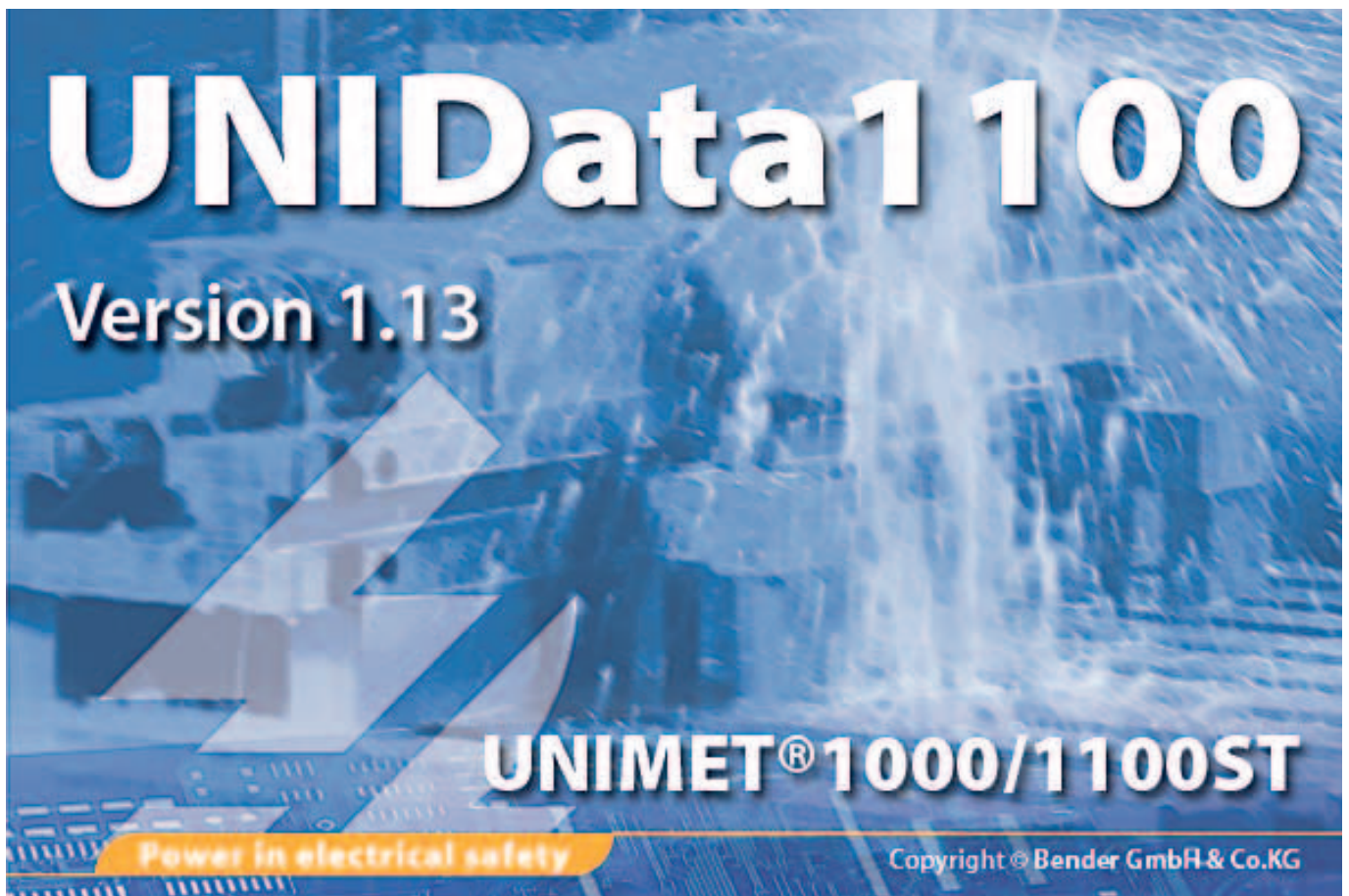
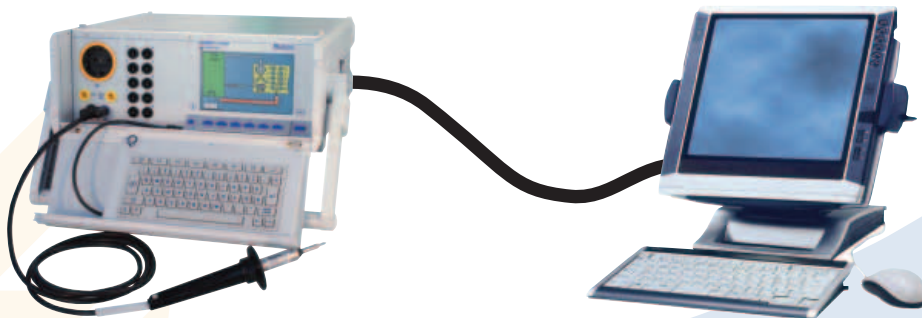


UNIData1100

Data transmission software

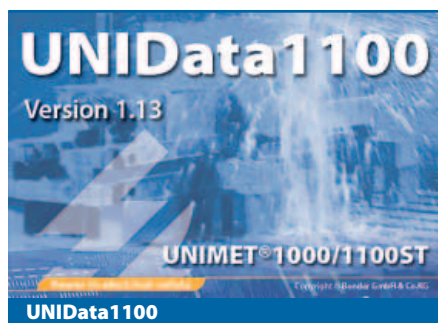


Data exchange between PC and UNIMET® 1000 / 1100ST



UNIData1100

Data transmission software



System requirements

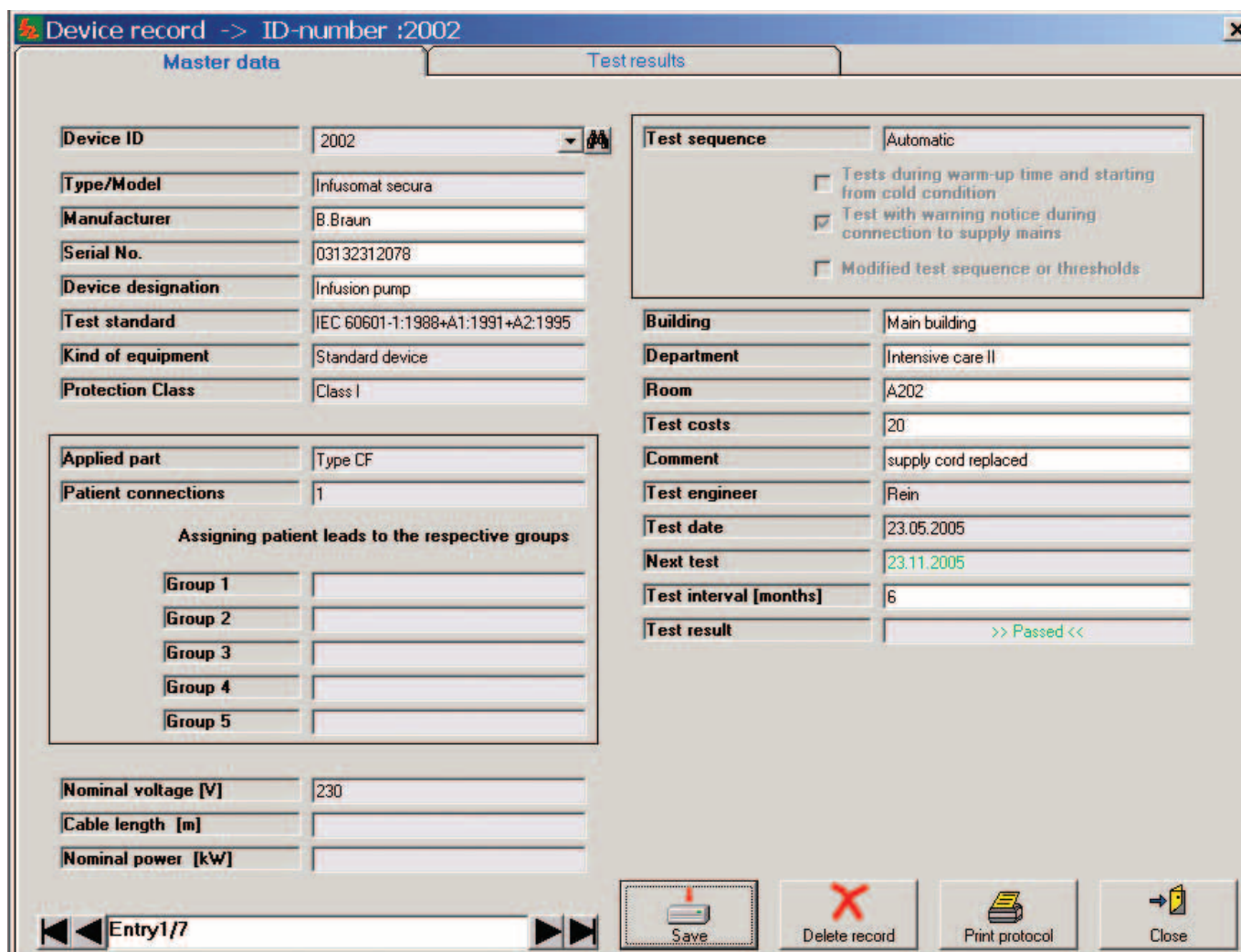
- IBM compatible PC, 600 MHz Pentium II processor or higher, RS232 interface or USB / RS232 adapter
- RAM memory at least 128 MB, better 256 MB
- Operating system Windows® 2000 including SP3 or higher or Windows® XP
- Screen resolution at least 800 x 600, 256 colours

Intended use

UNIData1100 software is designed for data exchange between a personal computer and UNIMET® 1000 / 1100ST via RS-232 interface. It is intended for data management, test protocol printout and can also be used for data backup.

Type and device catalogue

The software is organized into type and device catalogues (like UNIMET® 1000 / 1100ST). The white-shaded fields can be extended or changed.



Device record -> ID-number :2002

Master data		Test results	
Device ID	2002	Test sequence	Automatic
Type/Model	Infusomat secura	<input type="checkbox"/> Tests during warm-up time and starting from cold condition	
Manufacturer	B. Braun	<input checked="" type="checkbox"/> Test with warning notice during connection to supply mains	
Serial No.	03132312078	<input type="checkbox"/> Modified test sequence or thresholds	
Device designation	Infusion pump	Building	Main building
Test standard	IEC 60601-1:1988+A1:1991+A2:1995	Department	Intensive care II
Kind of equipment	Standard device	Room	A202
Protection Class	Class I	Test costs	20
Applied part	Type CF	Comment	supply cord replaced
Patient connections	1	Test engineer	Rein
Assigning patient leads to the respective groups		Test date	23.05.2005
Group 1		Next test	23.11.2005
Group 2		Test interval [months]	6
Group 3		Test result	>> Passed <<
Group 4			
Group 5			
Nominal voltage [V]	230		
Cable length [m]			
Nominal power [kW]			

Entry 1/7

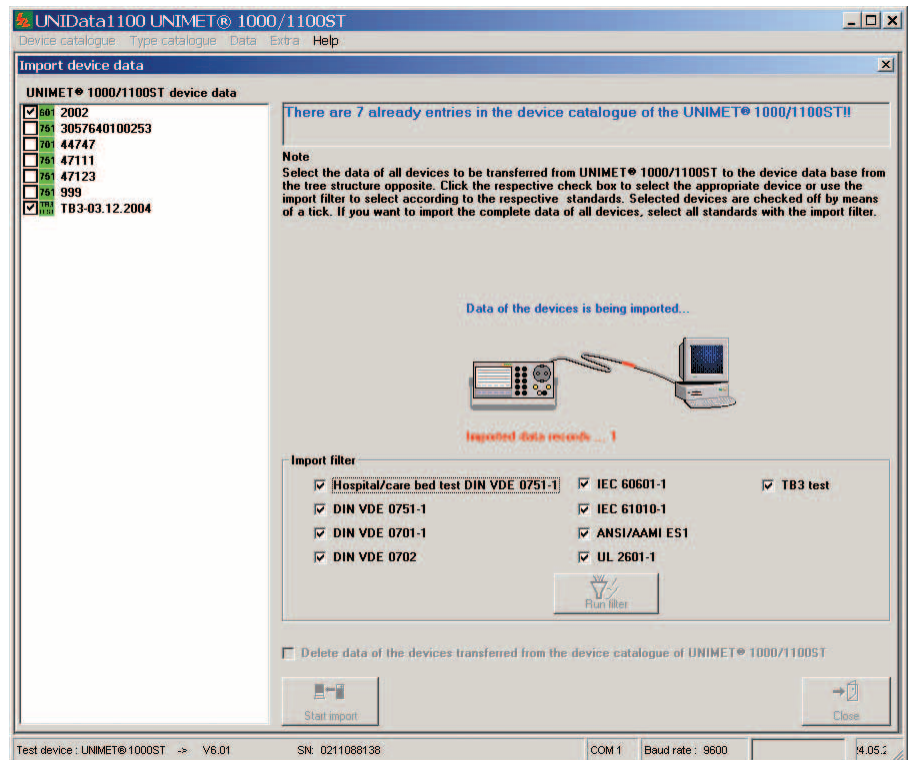
Save Delete record Print protocol Close

Calendar entries management

The date of the calendar entry for periodic tests can be updated automatically in monthly intervals. Select the calendar entry interval (1 to 12 months) before starting data export.

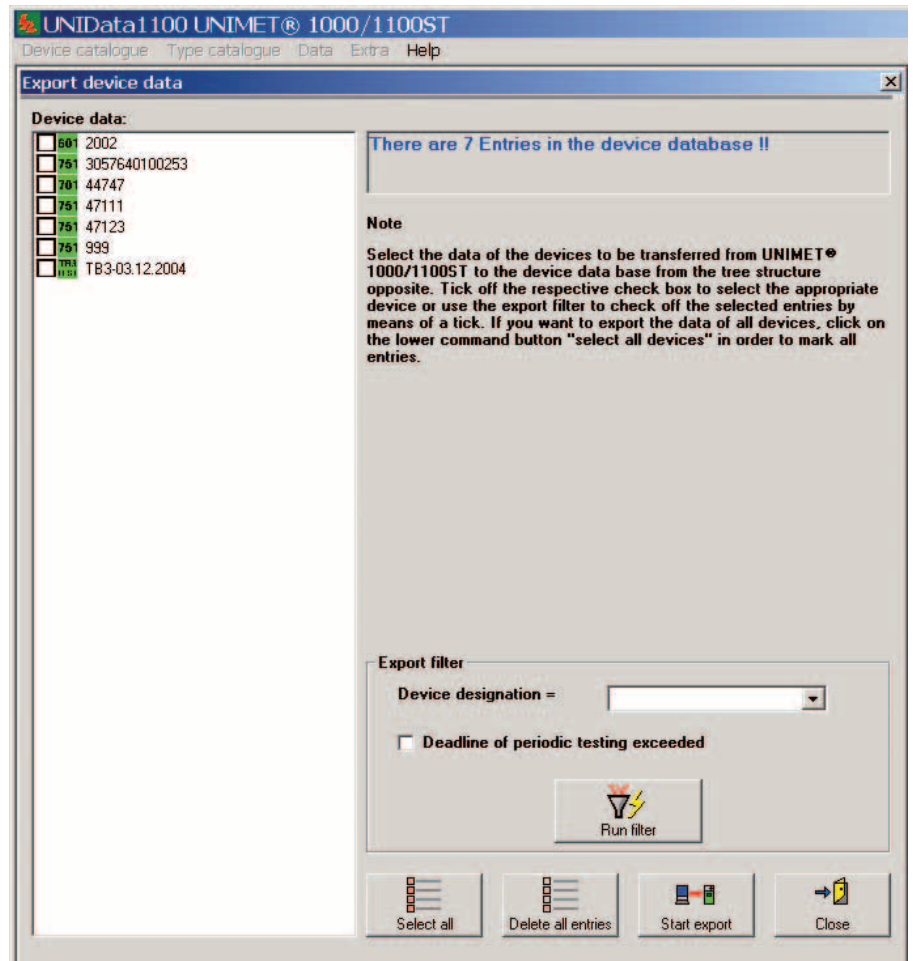
Saving data

Data collected with UNIMET® 1000 / 1100ST is saved to UNIData1100. By data selection and / or an import filter data can be added to the respective catalogue of UNIData1100.



Transmitting data to UNIMET® 1000 / 1100ST

Data saved to UNIData1100 can be sent to UNIMET® 1000 / 1100ST. The data to be exported to UNIMET® 1000 / 1100ST can be selected by marking one or several device records.



Printing and export features

UNIData offers the following functions:


- Printout of single protocols
- Print all function, selection according to test date possible
- Individual layout. A company name and company logo can be stored for printing purposes.
- Export in pdf, html, Excel, Word and rtf format

Other features

- A nearly unlimited number of device and type data records can be stored (only limited by the size of the hard disk of the PC)
- Can be operated in German and English language. Special standard designations can be set for Austria.
- Utility programs allow compression, repair and backup of the UNIData1100 database.
- Automatic recognition of the RS232 interface setting.

Ordering details

Type	Art. No.
UNIData1100	B 9602 0083

		Test protocol		Bentron GmbH & Co.KG Carl Benz Strasse 8 35305 Grünberg 06401-807-730																																																																																																																															
Device data																																																																																																																																			
Device ID	123456	Cable length [m]	-																																																																																																																																
Type/Model	SIRECUST 341	Nominal power [kW]	-																																																																																																																																
Manufacturer	Siemens	Test sequence	Automatic																																																																																																																																
Serial No.	90902567	Applied part	Type BF																																																																																																																																
Device designation	EKG- Monitor	Patient connections	1																																																																																																																																
Test standard	IEC 60601-1:1988+A1:1991+A2:1995	Building	Haus 1																																																																																																																																
Kind of equipment	>> modified << Standard device	Department	HNO																																																																																																																																
Protection Class	Class I	Room	V 223																																																																																																																																
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<table border="1"><thead><tr><th>Test no.</th><th>Measurement</th><th>Threshold</th><th>Result</th><th>Unit</th><th>Passed</th></tr></thead><tbody><tr><td>3</td><td>PE resistance, permanently attached cord</td><td>0.200</td><td>0.081</td><td>Ohm</td><td>Yes</td></tr><tr><td>83</td><td>PE measuring current</td><td></td><td>16.2</td><td>A</td><td></td></tr><tr><td>80</td><td>Load current</td><td></td><td>0.106</td><td>A</td><td></td></tr><tr><td>81</td><td>Operating voltage</td><td></td><td>228</td><td>V</td><td></td></tr><tr><td>82</td><td>Power consumption</td><td></td><td>0.024</td><td>kVA</td><td></td></tr><tr><td>7</td><td>Earth leakage current NC</td><td>0.500</td><td>0.110</td><td>mA</td><td>Yes</td></tr><tr><td>11</td><td>Earth leakage current SFC AP earthed</td><td>1.000</td><td>0.109</td><td>mA</td><td>Yes</td></tr><tr><td>12</td><td>Earth leakage current NC FE earthed</td><td>0.500</td><td>0.109</td><td>mA</td><td>Yes</td></tr><tr><td>31</td><td>Patient leakage current SFC U-AP</td><td>5.000</td><td>0.032</td><td>mA</td><td>Yes</td></tr><tr><td>33</td><td>Patient leakage current SFC ph. rev. U-AP</td><td>5.000</td><td>0.033</td><td>mA</td><td>Yes</td></tr><tr><td>34</td><td>Patient leakage current SFC U-AP FE earthed</td><td>5.000</td><td>0.032</td><td>mA</td><td>Yes</td></tr><tr><td>223</td><td>Patient leakage current NC DC</td><td>0.010</td><td>< 0.001</td><td>mA</td><td>Yes</td></tr><tr><td>225</td><td>Patient leakage current SFC DC PE open</td><td>0.050</td><td>< 0.001</td><td>mA</td><td>Yes</td></tr><tr><td>229</td><td>Patient leakage current NC DC FE earthed</td><td>0.010</td><td>< 0.001</td><td>mA</td><td>Yes</td></tr><tr><td>230</td><td>Patient leakage current SFC DC FE earthed PE open</td><td>0.050</td><td>< 0.001</td><td>mA</td><td>Yes</td></tr><tr><td>323</td><td>Patient leakage current NC AC</td><td>0.100</td><td>< 0.001</td><td>mA</td><td>Yes</td></tr><tr><td>325</td><td>Patient leakage current SFC AC PE open</td><td>0.500</td><td>0.012</td><td>mA</td><td>Yes</td></tr><tr><td>329</td><td>Patient leakage current NC AC FE earthed</td><td>0.100</td><td>< 0.001</td><td>mA</td><td>Yes</td></tr><tr><td>330</td><td>Patient leakage current SFC AC FE earthed PE open</td><td>0.500</td><td>0.013</td><td>mA</td><td>Yes</td></tr><tr><td>8</td><td>Earth leakage current NC ph. rev.</td><td>0.500</td><td>0.110</td><td>mA</td><td>Yes</td></tr></tbody></table>						Test no.	Measurement	Threshold	Result	Unit	Passed	3	PE resistance, permanently attached cord	0.200	0.081	Ohm	Yes	83	PE measuring current		16.2	A		80	Load current		0.106	A		81	Operating voltage		228	V		82	Power consumption		0.024	kVA		7	Earth leakage current NC	0.500	0.110	mA	Yes	11	Earth leakage current SFC AP earthed	1.000	0.109	mA	Yes	12	Earth leakage current NC FE earthed	0.500	0.109	mA	Yes	31	Patient leakage current SFC U-AP	5.000	0.032	mA	Yes	33	Patient leakage current SFC ph. rev. U-AP	5.000	0.033	mA	Yes	34	Patient leakage current SFC U-AP FE earthed	5.000	0.032	mA	Yes	223	Patient leakage current NC DC	0.010	< 0.001	mA	Yes	225	Patient leakage current SFC DC PE open	0.050	< 0.001	mA	Yes	229	Patient leakage current NC DC FE earthed	0.010	< 0.001	mA	Yes	230	Patient leakage current SFC DC FE earthed PE open	0.050	< 0.001	mA	Yes	323	Patient leakage current NC AC	0.100	< 0.001	mA	Yes	325	Patient leakage current SFC AC PE open	0.500	0.012	mA	Yes	329	Patient leakage current NC AC FE earthed	0.100	< 0.001	mA	Yes	330	Patient leakage current SFC AC FE earthed PE open	0.500	0.013	mA	Yes	8	Earth leakage current NC ph. rev.	0.500	0.110	mA	Yes
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