Software

State-of-the-art measuring instruments must be able to interconnect with their environment.

Special ALMEMO® software programs give you complete control of the whole measuring setup and ensure convenient device handling.

Once measured values have been acquired by the ALMEMO® measuring instrument, this data can be transmitted to a computer via modem, data line, optic fiber, or radio link.

"ALMEMO® Control", the WINDOWS configuration software, is included free-of-charge with all ALMEMO® devices. This software package lets you program all the device parameters and scan all measured data via a single computer.

The "AMR WinControl" package has been specially developed for data acquisition and measured data processing with ALMEMO® equipment.

Acquired measured values can be displayed, arithmetically processed, stored, printed out, and exported to other software applications for further processing. ALMEMO® measuring instruments can thus be addressed in an already established corporate network.

A demo version of AMR WinControl can be downloaded free-of-charge from www.ahlborn.com

ALMEMO® Control : Full Control over the Instrument Setup and Convenient Device Handling

The software ALMEMO® Control is supplied with each ALMEMO® data logger and allows for the complete programming of the sensors, for the configuration of the measuring instrument and for the read-out of the data memory via serial interface.

The only item required is an ALMEMO® data cable. The integrated terminal even allows to obtain online measurements from the PC.

As a result, you can keep a constant overview and can completely control your measuring task!
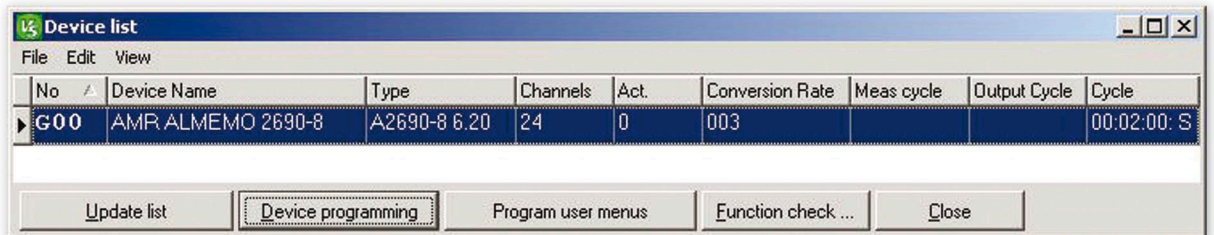
The latest program version is available for download from www.ahlborn.com.

ALMEMO® Control, initial screen

Devices list

Device Programming
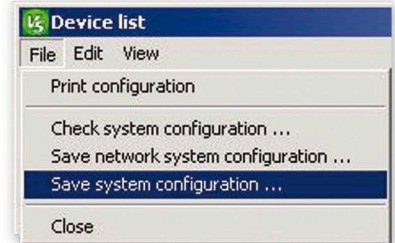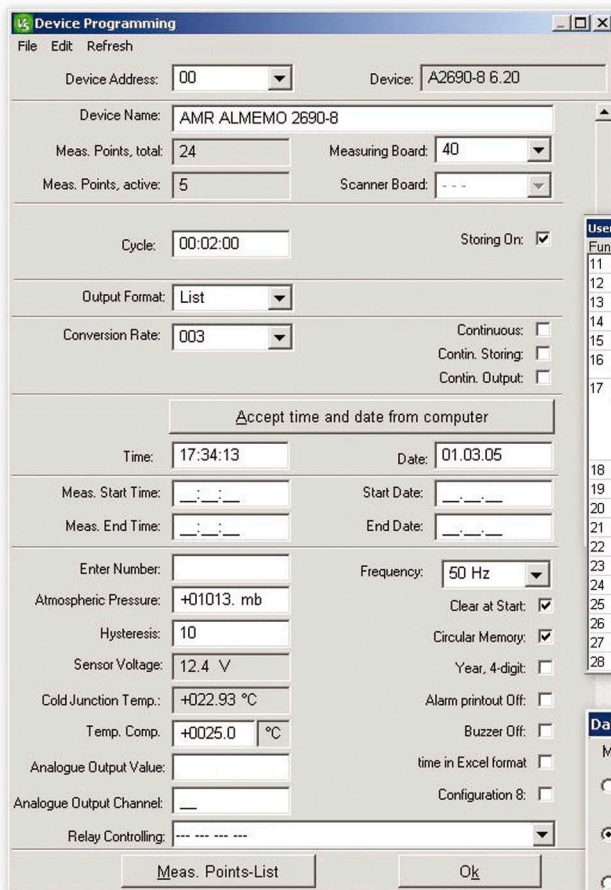
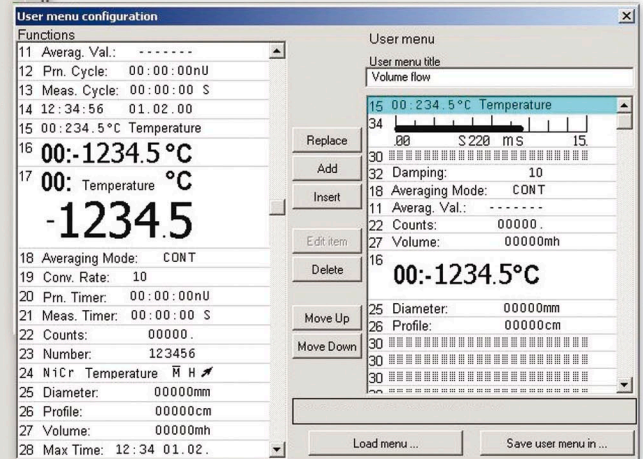

System Configuration
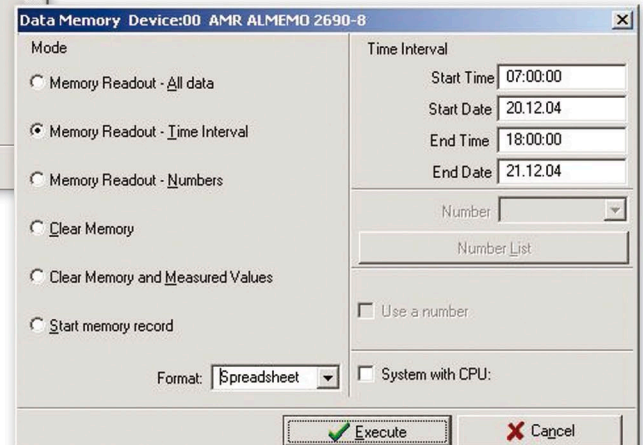(programming of devices and con-
nectors)
testing / saving

Programming user menus
(on ALMEMO® 2690 and 2890)

**Reading out from
the measured value memory**

Software

List of connectors / measuring points

Programming measuring points / programming connectors

Saving / loading connector / measuring point programs

Creating / saving multipoint calibration, special linearization
see Chapter
Input connectors

Measured values list with zero-setting / adjusting/ deleting

List of Measured Values Device:00 AMR ALMEMO 2690-8

File Edit View

Connector	Channel	Range	Comment	Meas.Val.	Dim	Maximum	Minimum	Avg. Val.	Mode	Counts
=M 0 [1.]	00	Ntc	Temperatur	+021.80	°C	+022.03	+021.80	---	CONT	00018.
=M 0 [2.]	10	% rH	Feuchte	+0016.2	%H	+0019.3	+0015.8	---	CONT	00018.
=M 0 [3.]	20	H DT	Taupunkt	-0005.0	°C	-0002.5	-0005.2	---	---	00000.
=M 0 [4.]	30	H AH	Mischung	+0000.4	gk	+0000.5	+0000.4	---	---	00000.

Manually | Reset | Clear Maximum | Clear Minimum | Clear Avg.Val. | Clear all | Start

Update list | Adjust | | | | | Close

Output modules list

Output Modules Device:00 AMR ALMEMO 2690-8

File Edit View

Soc...	Abbr.	Type	No.	Name	Comment
A1	DK0	DK	0	Data Cable	RS232, RS422, DSR hardware handshake
A2	RK	RK		Analogue Cable	Analogue output

Update List | Program A2 Module | Close

Terminal for online measuring operations and for direct programming

Terminal

File Edit View Command Keys

Terminal | Command List

```
AMR ALMEMO 2690-8
MS BER.  GW-MAX  GW-MIN  BASIS  D FAKTOR EXP MITTEL KOMMENTAR!
00:Ntc   - - -   - - -   - - - °C - - -   E+0 CONT    Temperatur
01:NiCr  - - -   - - -   - - - °C - - -   E+0  - - -
10:% rH  - - -   - - -   - - - %H - - -   E+0 CONT    Feuchte
20:H DT  - - -   - - -   - - - °C - - -   E+0  - - - Taupunkt
30:H AH  - - -   - - -   - - - gk - - -   E+0  - - - Mischung
MESSZYKLUS:  00:00:00    S0508.0 F0506.0 A   W010 C-S--
DRUCKZYKLUS: 00:00:10 S   9600 bd
S2
DATUM:       15.01.00
20:27:50 00: +022.13 °C 01: +0020.2 °C 10: +0019.3 %H 20: -0002.4 °C 30: +0000.6 gk
20:28:00 00: +022.14 °C 01: +0020.2 °C 10: +0019.9 %H 20: -0001.9 °C 30: +0000.6 gk
X
```

Start	Programming	Memory	Meas. Value	List Format	Cycle 10s	10 M/s
Stop	Progr. extented	Mem. free space	All Meas. Val.	Columns	Memory On	Cyclic
Manual	Device Program	Clear Memory	Version	Spreadsheet	Memory Off	Continuosly