

VHQ evaluation software

SHORT MANUAL

September 2004

Version VHQ evaluation software-09/04-e

1. Software installation

Delivery on 2 disks. Start of the installation with setup.

2. Start with VHQ.exe

This mask appears:



3. 4.	COM-PORT VHQ-LESEN	COM-PORT VHQ-READ	Adjusting the COM Port. Start reading the VHQ memory.
5.	Werte-Tabelle	Value chart	Display of the memory content in the text.
6.	Grafik	Graphics	Graphical display of the memory content.
7.	Speichern	Save	The read-out data are stored (*.dat).
8.	Export	Export	The read-out data are stored in the *.txt format (these data can be processed with an editor).
9.	Laden	Load	Stored data can be read back in the *.dat format.
10.	Import	Import	Stored data can be read back in the *.txt format.
11.	Beenden	Exit	Exit reading program.



Mask for reading-out of the data from the VHQ memory. Bar 0-100% of the data quantity.

SIO.VI						×
Ĺ	Übertragung:			Timeout	<i></i>	
0.0	0 20.0	40.0	60.0	80.0	100.0	
	Übertragungsfehle	erl 🛛	-1			
	oberridgangsrenir	<u>. 10</u>				

Übertragung = Data transfer Übertragungsfehler = Transmission error

Error message timeout: No connection to the VHQ or VHQ not connected. Transmission error ("Übertragungsfehler"): No plausible values in the memory.

Achtung: Datenübertragung gestört oder gescheitert! Übertragung ggf. wiederholen !
ОК

Attention: Data transfer failed! Repeat data transfer!

Setting window for value chart display



Messstelle = Measuring site Drucken = Print Beenden = Exit



Value chart

Nr.	Datum	Zeit	v [m/s]	h [m]	Q [I/s]	Q-Gesamt [m 3]	^
50	25.01.2000	15:54:07	0.111	0.103	1.0	1.092	
51	25.01.2000	15:54:22	0.116	0.104	1.0	1.114	
52	25.01.2000	15:54:37	0.119	0.103	1.0	1.137	
53	25.01.2000	15:54:52	0.114	0.104	1.0	1.160	
54	25.01.2000	15:55:07	0.111	0.103	1.0	1.182	
55	25.01.2000	15:55:22	0.111	0.104	1.0	1.204	
56	25.01.2000	15:55:37	0.113	0.104	1.0	1.226	
57	25.01.2000	15:55:52	0.116	0.104	1.0	1.248	
58	25.01.2000	15:56:07	0.115	0.104	1.0	1.271	
59	25.01.2000	15:56:22	0.116	0.104	1.0	1.294	
60	25.01.2000	15:56:37	0.120	0.104	1.0	1.317	
61	25.01.2000	15:56:52	0.119	0.104	1.0	1.341	
62	25.01.2000	15:57:07	0.116	0.104	1.0	1.364	
63	25.01.2000	15:57:22	0.119	0.103	1.0	1.387	
64	25.01.2000	15:57:37	0.126	0.103	1.0	1.411	
65	25.01.2000	15:57:52	0.123	0.104	1.0	1.436	
66	25.01.2000	15:58:07	0.116	0.103	1.0	1.459	
67	25.01.2000	15:58:22	0.119	0.104	1.0	1.482	
68	25.01.2000	15:58:37	0.117	0.104	1.0	1.506	
69	25.01.2000	15:58:52	0.119	0.104	1.0	1.529	
70	25.01.2000	15:59:07	0.121	0.103	1.0	1.553	
71	25.01.2000	15:59:22	0.119	0.103	1.0	1.576	Ī

Messstelle = Measuring site

With key "Drucken" (Print) = print value chart With key "Beenden" (Exit) = back to start menu

Evaluation graphics

Selection measuring site 1-99 With key "+/-" step through measuring site with crosshair Display of the values V H Q



With key "PRINT" With selection group With key "SYNC" With key "Beenden"(Exit) Print Tools, data, zoom Synchronize all windows Back to start menu



🔁 Dateidialog	×
VHQ	C: 💽
 D 0894.DAT D 1043.DAT D 1192.DAT D 1192 1.DAT 	
□ 12000.DAT □ 1341.dat □ 1490.DAT □ 1639.DAT □ 1788.dat	Neu
Choose a datalog file to open	ОК
1192_1.DAT	Abbrechen
Bearbeitungsmodus 💽 *.dat	

Selection for the loading of saved data or measuring values in the *.Dat format

Neu = new Abbrechen = abort

Selection for the import of saved data or measuring values in the *.txt format

Zu lesende Da	atei wählen.		? ×
Suchen in:	🔁 vhq	- 🗈 💈	1 🖻 🔳
🗋 VHQ3xx	≣ 12000	≝ 5960	🗐 pivo1
🗋 VHQ9x	🗐 1341	🖺 6109	🗒 pivo2
🔁 Vhq-v1_3	🗒 1490	🗒 6258	🗒 pivo2902
0894	🗐 1639	🗒 6407	🖺 Readme
圓 1043	🗒 25000	6556	🗒 test
圓 1192	🗒 2533	6705	🗒 test1
1192_1	🗒 5662	🗒 pivo03	🗒 test2
I			Þ
Datei <u>n</u> ame:	*.txt		0 <u>f</u> fnen
Da <u>t</u> eityp:	Alle Dateien (*.*)	•	Abbrechen

Zu lesende Datei wählen = Choose file to read-out Suche in = Search in Dateiname = File name Dateityp = File type Öffnen = Open Abbrechen = Abort



Saving of data in the *.Dat format

🔁 Dateidialog	×
VHQ	C: 💽
D Vhq-v1_3 D VHQ3xx D VHQ9x	
×	Neu
Choose a file name and location	ОК
DLOG.DAT	Abbrechen
Bearbeitungsmodus 💽 *.vhq	

Neu = new Abbrechen = abort

Export of data in the *.txt Format for viewing or editing

Choose file to	write.		? ×
Speichern jn:	🔁 vhq	- 🗈 💆	
🗋 VHQ3xx	🛋 1192.dat	🗒 1341	🔊 25000.dat
🗋 VHQ9x	🗐 1192	🍺 1490.dat	≣ 25000
🔁 Vhq-v1_3	🍺 1192_1.dat	🗒 1490	🔊 2533.dat
🙍 0894.dat	🗐 1192_1	🍺 1639.dat	2533
■ 0894	🙍 12000.dat	🗒 1639	🍺 5662.dat
🙍 1043.dat	🗐 12000	폐 1788.dat	≣ 5662
1043	폐 1341.dat	🛋 2433_1.dat	🛋 5960.dat
			Þ
Datei <u>n</u> ame:	×.txt		<u>S</u> peichern
Datei <u>t</u> yp:	Alle Dateien (*.*)	•	Abbrechen

Speichern in = Save in Dateiname = File name Dateitype = File type Speicher = Save Abbtrechen = Abort



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