

Spyservice Manual

- Install the software from the Huber website, <u>http://www.huber-online.com/en/download_software.aspx</u>
- 2. Start the installed software, see to the start screen.

SpyService.01.20180718.0		
	Please make a selection	A B C
	(C) Peter Huber Kältemaschinenbau AG GO!	

A.) Simple Analysis -> Choose for a data logging when the Huber unit software is older than the year 2012

B.) Complex Analysis -> Choose for a data logging when the Huber unit software is newer or from the year 2012

C.) Load Spyservice data file -> Choose for opening an existing logging file.

Procedure of creating a logging file, simple & complex analysis

Connect the unit with a RS232 #6146 or USB (before install the USB driver from the Huber website) or Ethernet cable.

SpyService Manual	10.01.2019	Seite 1 / 6
opyconnoo mandal		

Inspired by **temperature**



SpyService.01.20	150113.0 complex analysis					
File Edit Window Zoo	om Sprache/Language Help					
			6			
Data record / Ch Connection	annel 1					
Communication pa	rameters	Active connections				
Interface	RS232 •					Taka aara of the
Port	COM1 •					Take care of the
Baud rate [bit/s]	9600 🔹					port number
Data bits	8					
Stop bits	1					
Parity	NO					
Update [s]	3					
Time axis display	absolute					
Slave number	1					
IP address	192.168.010.120					
Port	8101					
						Start
				Start recording		Start
						recording
Device red	cognition					
The device	e was identified as C	C-Trainee V1.0	<u>^</u>	Г		
The device	supports the LAL of	noozz nomands: VEXY	•••••••		Green fie	ld means there
					is a good	data
					communi	cation with the
		Т			unit Droc	c ok
		L			unit. Pres	S UK
			OK			

SpyService Manual	10.01.2019	Seite 2 / 6
-------------------	------------	-------------

20,401 20,4 20,399

20,398



Save data file					? 🔀			
Speichern in:	Cogging		•	- 🗈 💣 🎟-	,			
Zuletzt verwendete D Desktop Eigene Dateien Arbeitsplatz	Chiller log file Chiller log file			Spyservice N test Unistat Firm walterbai 2014-30-10 69867 final 84363 Servic 85530_11.h 88394_11.h 106327_111 106327_111 106327_111 106327_111 11871_11. 136252_11.	NEU ware _sevice_11.hub 11.hub ce file_11.hub ub ub hub t.hub hub hub hub	Sa dir sei na	ve the n rectory. (rial num me.	ew file in your Choose the ber as the file
Netzwerkumgeb ung SpyService.01. File Edit Window 2	Dateiname: Dateityp: 20150113.0 comp Zoom Sprache / Langu	108322 Data files (*.hub) Ilex analysis Jage Help		• •	Speichern Abbrechen			
Image: Second	ent value series: TI CC-TI	a Q Q	DM 1		Selec Value series ✓ TI ✓ SP PP Poko ECS TR TC HT TO HT V HT V HT V NTZ H N P H P K P ges Uint [V] Imax Imin Vmax HT	tall Des 20,41 20 989 0 0 25,48 40,10 -31,76 50 0 0 81,20 0 0 0 0 0 0 0 0 0 0 0 0 0		

11:34:20 11:34:25 11:34:30 11:34:35 11:34:40 11:34:45 11:34:50 11:34:55 11:35:00

Time in [hh:mm:ss]

I max I Imin Vmax HT SP TWout PH TUP THK1

TFH

0

45,84

20,18

26,52

23,30

▼



Different temperatures will be displayed inside the diagram. Let the unit run from 20°C to lower end temperature and back to 20°C. Afterwards finish the logging and send the created file via email to Huber for investigation.

Procedure by opening an existing logging file



Select the file in the directory, which you want to open

SpyService Manual	10.01.2019	Seite 4 / 6
-------------------	------------	-------------





The logging file will be displayed

Description of the displayed data

Tintern / TI / Tint.	Internal oil outlet temperature (Machine pump outlet)			
Textern / TE	External PT100 temperature (if connected)			
Sollwert / SP	Setpoint in °C			
HT	HT slider (If fitted 0 - 250 st	eps)		
TC / Tcond.	Condensation temperature	in °C		
T1 / TVE	Evaporator-end temperatu	re in °C		
то	Evaporation in °C			
V	Stepper motor position (0 - 250 steps)			
Heizung	Power main heating (0 - 100%)			
F	Power fine heating (0 - 100%)			
I	Current draw (not a real value!)			
TU	Additional sensor in some machines (Nuevo: Fluid inlet			
	temperature)			
ТХО	Additional sensor in some machines (Nuevo: Heatir		eating	
	OT sensor)			
TX1	Additional sensor in some machines (Nuevo: Exp. Tank			
SpyService Manual		10.01.2019	Seite 5 / 6	

Inspired by **temperature**



OT sensor)	
AIF Analog Interface	
POKO Potential free contact	
ECS External control signal e.g.standby / run	
nP/ speed Pump speed	
pP/ pressure Pump pressure	
TC HT Condensation temperature of the HT stage with 2	stage
machines.	
TH1 Temperature on heater	

SpyService Manual	10.01.2019	Seite 6 / 6
-------------------	------------	-------------