

Instructions for installation and operation

METPOINT® OCV DATA-LOG





Dear Customer,

Thank you very much for having chosen METPOINT[®] OCV DATA LOG software. Please read this installation and operating manual carefully before installing and using the METPOINT[®] OCV DATA LOG and follow our directions. Proper operation of the METPOINT[®] OCV DATA LOG is guaranteed only if the instructions and directions specified are strictly observed.

1 Contents

1	Contents	3
2	General information	4
3	Scope of application and proper use	4
4	System and function description	5
5	System requirements	5
6	Connecting the network / notebook to METPOINT® OCV	6
7	Installing and setting METPOINT® OCV DATA LOG	7
7.1	"Settings" menu	7
7.2	"Network" selection	8
7.3	Connection via DHCP	8
7.4	Manual network connection	9
7.5	Establishing a direct connection to a notebook / PC	10
7.6	Manual connection to a notebook / PC	11
8	The METPOINT® OCV DATA LOG program	17
8.1	Installation and start of METPOINT® OCV DATA LOG	17
8.2	Start screen	18
8.2.1	Display of connected devices	18
8.2.2	Language selection	19
8.3	The LIVE function	20
8.3.1	Data diagram adaptation	22
8.4	The SCREENSHOT function	24
8.5	The FIRMWARE UPDATE function	25
8.6	The IMPORT + VIEWER function	26
8.6.1	Selection of data	27
8.6.2	The AUTOMATIC IMPORT function	29
8.6.3	The SINGLE FILE IMPORT function	33
8.6.4	The MULTIPLE FILE IMPORT function	35
8.7	Data export in EXCEL	37
9	Service	40
9.1	Support on all matters concerning application	40

2 General information



Before reading the operating manual check whether you have the right manual at hand. The operating manual must be accessibly available at all times at the site where the software is being used.



To ensure a secure transfer of data, the software must be installed and used solely in accordance with the specifications in the operating manual.

Disregarding the installation and operating manual results in risk to persons, plant and equipment.



If there are ambiguities or questions about this manual, please contact BEKO TECHNOLOGIES GMBH.

3 Scope of application and proper use

The METPOINT[®] OCV DATA LOG software is used for displaying and storing the measured values collected using METPOINT[®] OCV. Any use in excess of this is considered as unintended. The manufacturer is not liable for the consequences of improper use. The operator is solely responsible for any risk that might result.

4 System and function description

The METPOINT[®] OCV DATA LOG software is used for displaying, remotely analysing and storing the measured values collected using METPOINT[®] OCV.

Displaying and storing the measured values for residual oil content ascertained using METPOINT[®] OCV can be done on a directly connected notebook/PC and on a notebook/PC connected via the web.

As a result, the measurement can be tracked on the notebook/PC.

Every measured value from the current collection of data can be read. This also makes it possible to monitor the measured values over an extended period of time.

In addition, the program provides the means for updating the measurement device software and makes establishing an FTP connection to the device easier.

5 System requirements

Network:	.NET Framework 4 (if not present, is automatically installed before the program)
Storage space for network	280 MB
Supported operating systems	Microsoft Windows XP
	Microsoft Windows Vista
	Microsoft Windows 7
Minimum hardware	Suitable for the particular operating system used
Storage space for software:	25 MB
Interface:	Ethernet interface

6 Connecting the network / notebook to METPOINT[®] OCV

Connect the interface for your network / notebook to the METPOINT[®] OCV (1) Ethernet interface intended for it using a corresponding network cable.



It should be noted that the connection from the device to the notebook is made using a **crossover cable**. The connection to a network is made with a simple **patch cable**.



7 Installing and setting METPOINT[®] OCV DATA LOG

This chapter describes the connections and settings that must be made for the METPOINT[®] OCV DATA LOG software to operate properly.

NOTE!

Administrator rights are mandatory for installing the METPOINT[®] OCV DATA LOG software. Please make sure that you are provided with the appropriate permissions. Please call on the assistance of appropriately trained and authorised technical staff.

7.1 "Settings" menu

The settings that are required for connecting METPOINT[®] OCV into an in-house network or for connecting directly to a PC or notebook are made in this menu.

As a rule, two options are available here:

- automatic connection by DHCP
- manual configuration



Note to the network administrator

Communication via a **network** between METPOINT[®] OCV and a PC works with the METPOINT[®] OCV DATA LOG software only if both are in the same **subnet**. You can find out in the manual for your router whether and how the forwarding function is executed in your router.

Requisite firewall settings:

HTTP:	Enable port 1111 (in- and outbound)
in addition:	Enable port 5000 (TCP) for device update
FTP connection:	Port 21 (TCP) (outbound for passive only) Port 21 (TCP) (in- and outbound for active)

It is also possible to manually establish an FTP connection to a device in another subnet. Please contact your network administrator.

"metpoint" for the user name and "logfiles" for the password must be specified as the login data.

7.2 "Network" selection

M	ETPOIN	T® OCV
	Settir	ngs
Autostart DateTime Net	work TouchScreen Up	date Service ScientificMode
Automatic (DHCP)	Manual	If your network contains a DHCP Server, network settings can be retrieved automatically by choosing automatic mode. If not please ask your network administrator to integrate the device in your network manually. If your
IP Address	192.168.1.217	If your network is subject to severe security restrictions
Subnet Mask	255.255.255.0	appropriate firewall configuration.
Gateway	192.168.1.217	MAC Address
DNS Server	202.96.128.86	00-50-C2-AD-C0-73
		OK Cancel

Select the desired method in the menu sub-item **NETWORK**:

- Automatic IP address assignment via DHCP
- Manual IP address assignment.

To use this selection, go to main menu **SETTINGS** and then select **NETWORK**.

7.3 Connection via DHCP

If connection via **DHCP** is selected, no additional settings are required. This is based on the prerequisite that the connected network has a DHCP server.

7.4 Manual network connection

Here, the network connection data must be entered manually. The following entries are required:

- IP address
- Net mask
- Gateway address



It must be ensured that different IP addresses are assigned to all devices in the network. However, the network portion of the IP address must be identical for all devices that communicate with each other within a network.



NOTE!

Please call on the assistance of appropriately trained and authorized IT specialists.

7.5 Establishing a direct connection to a notebook / PC

M	ETPOINT	® OCV
	Settings	
Autostart DateTime Net	work TouchScreen Update	e Service ScientificMode
Automatic (DHCP)	Manual	If your network contains a DHCP Server, network settings can be retrieved automatically by choosing automatic mode. If not please ask your network administrator to integrate the device in your network manually.
IP Address Subnet Mask	192.168.1.217 255.255.255.0	If your network is subject to severe security restrictions you may need to incorporate the MAC Address in the appropriate firewall configuration.
Gateway DNS Server	192.168.1.217 202.96.128.86	MAC Address
		OK Cancel

The connection from the device to the notebook is established using a **crossover cable**.

A direct connection to a notebook can also be established by means of manual configuration or automatic address assignment via **DHCP (Auto-IP)**.

7.6 Manual connection to a notebook / PC



Important note!

When establishing a manual connection, ensure that the IP addresses of device and notebook are different in the device portion of the IP address.

1. Please check the network settings on METPOINT[®] OCV.



Important note!

The **Manual Setting** must be activated and the settings indicated below appear on the display.

IP address:	192.168.1.217
Subnet:	255.255.255.0
Gateway:	192.168.1.217
DNS server:	202.96.128.86

- Correct any discrepancies you may discover.
- Please confirm the settings and return to default view.

For more information on this menu item and settings, refer to the METPOINT[®] OCV operating manual.

- 2. Please start your PC.
- 3. Connect the METPOINT[®] OCV and the notebook / PC via a crossover cable.
- 4. In the task bar, please double-click on the **Network Symbol**. The window described under item 5 appears.



Or select Settings / Network connections in the start menu. After double-clicking on LAN connection, the following window appears.

5. Now click on "**Properties"** button.

Connection -		
IPv4 Connect	ivity:	Internet
IPv6 Connect	ivity:	No network access
Media State:		Enabled
Duration:		02:53:48
Speed:		100.0 Mbps
Activity		100
	Sent —	Received
Bytes:	5,686,201	28,734,442

6. In the following window, select item "Internet protocol TCP/IP". This selection may require you to scroll the list down.

letworking Sharing	2	
Connect using:		
🔮 dynadock Et	hemet	
This connection use	es the following items:	Configure
QoS Pack	et Scheduler Inter Sharing for Monarth	
Internet Provide	otocol Version 6 (TCP/IP otocol Version 4 (TCP/IP Tepology December Mop	All per I/O Driver
Instal	totocol Version 6 (TCP/IP) totocol Version 4 (TCP/IP) Totology Descury Hop III	Properties

7. Now click on "Properties" button.

a lanana		
Connect using:		
🔮 dynadock Bh	emet	
		Configure
This connection user	s the following items:	
Network Ac	tivity Hook Server LightV	Veight Filter Driver
Deterministi	c Network Enhancer	regramation control
Cos Packe	t Scheduler	
File and Price	nter Sharing for Monsoft	Networks E
- Internet Pro	tocal Version 6 (TCP/IPv	6)
Internet Pro	tocol Version 4 (TCP/IPv	4)
A Link-Layer	Topology Discovery Map	er 1/O Driver +
4	m	
127.3	10 000	Properties
Instal	Uninatal	a caborates
Instal Description	Uninstall	Confection
Install Description Transmission Cont	trol Protocol/Internet Prot	ocol. The default
Install Description Transmission Cont wide area network	trol Protocol/Internet Prot k protocol that provides c	ocol. The default
Install Description Transmission Cont wide area network across diverse into	trol Protocol/Internet Prot k protocol that provides c erconnected networks.	ocol. The default



Important note!

Before making any changes in the visible window, please write down the current settings and values of the notebook / PC.

8. Click on "Use the following IP address".

eneral		
You can get IP settings assigne this capability. Otherwise, you	ed automatically if your network supp need to ask your network administra	orts
for the appropriate IP settings		
Obtain an IP address auto	omatically	
Cost in filming the dd		
IP address:	192.168.1.200	
Subnet mask:	255 . 255 . 255 . 0	
Default gateway:	• • •	
Obtain DNS server addres	ss automatically	
Use the following DNS ser	ver addresses:	
Preferred DNS server:		
Alternate DNS server:	1	
Validate settings upon ex	it Advance	d

9. Now enter the addresses in the corresponding fields. For example:

IP address:	192.168.1.200
Subnet:	255.255.255.0



Important note!

Ensure that PC / notebook and METPOINT® OCV do not have the same IP address!

Seneral				
You can get IP settings assigned this capability. Otherwise, you ne for the appropriate IP settings.	automatically if y eed to ask your n	our n etwor	etwork sup rk administr	ports rator
💮 Obtain an IP address autom	nat .my			
Use the following IP address	5:			
IP address:	192 . 16	8. 1	. 200	
Subnet mask:	255 . 25	5.25	55.0	
Default gateway:	1	•		
Obtain DNS server address	automaticality			
Use the following DNS server	er addresses:			
Preferred DNS server:		+		
Alternate DNS server:	1.	•	4	
📗 Validate settings upon exit			Advanc	

10. Click on "Use the following DNS server".

eneral	
You can get IP settings assigned a this capability. Otherwise, you nee for the appropriate IP settings.	utomatically if your network support ed to ask your network administrator
🛞 Obtain an IP address automa	stically
Use the following IP address:	
IP address:	192 . 168 . 1 . 200
Subnet mask:	255.255.255.0
Default gateway:	
Observer over address a Observer Observer Preferred Drus server	addresses:
O Discretions server address a O Use the following DNS server Preferred DNS server: Alternate DNS server:	addresses:

11. Next, please click on "OK".

General	
You can get IP settings assign this capability. Otherwise, y for the appropriate IP settin	gned automatically if your network supports ou need to ask your network administrator igs.
🛞 Obtain an IP address a	automatically
O Use the following IP ad	idress:
IP address:	192 . 168 . 1 . 200
Subnet mask:	255.255.255.0
Default gateway:	
Obtain DNS server add	tress automatically
Use the following DNS	server addresses:
Preferred DNS server:	
Alternate DNS server:	$1 \cdot \cdot \cdot$
Validate settings upon	Advanced

12. Next, please click on "OK".

letworking Shar	ing	
Connect using:		
🔮 dynadock	Ethemet	
This connection	uses the following items:	Configure
	nistic Network Enhancer cket Scheduler Printer Sharing for Microsoft Protocol Version 6 (TCP/IP Protocol Version 4 (TCP/IP er Topology Discovery Mac	t Networks E v6) v4) boer I/O Driver
1	III	t t
Install	Uninstal	Properties
Description Transmission (wide area netw across diverse	Control Protocol/Internet Pro vork protocol that provides of interconnected networks.	tocol. The default communication

13. Next, please click on "Close".

Connection		
IPv4 Connect	ivity:	Internet
IPv6 Connect	ivity:	No network access
Media State:		Enabled
Duration:		02:53:48
Speed:		100.0 Mbps
Activity		
Activity —	Sent —	— Received
Activity Bytes:	Sent —	Received 28,734,442

Now all the settings for the connection have been performed. The **METPOINT® OCV DATA-LOG** software can now be used according to the following operating manual.

8 The METPOINT® OCV DATA LOG program

8.1 Installation and start of METPOINT® OCV DATA LOG

To use METPOINT[®] OCV DATA LOG, the program must be installed from the CD-ROM provided. To do so, insert CD into the CD drive of your PC or notebook. If your autostart function is activated, the installation program will start automatically. Otherwise, go to **Windows Explorer** on the CD, search for the **setup.exe** or **setup** file, and double-click.

To install the program, follow the installation instructions.

After successful installation, you can start the programs by double-clicking on the newly created symbol / icon on your **Desktop** or in the **Start menu**.



Note to the network administrator

Communication via a **network** between METPOINT[®] OCV and a PC works with the METPOINT[®] OCV DATA LOG software only if both are in the same **subnet**. You can find out in the manual for your router whether and how the forwarding function is executed in your router.

Requisite firewall settings:

HTTP:	Enable port 1111 (in- and outbound)
in addition:	Enable port 5000 (TCP) for device update
FTP connection:	Port 21 (TCP) (outbound for passive only) Port 21 (TCP) (in- and outbound for active)

It is also possible to manually establish an FTP connection to a device in another subnet. Please contact your network administrator.

"metpoint" for the user name and "logfiles" for the password must be specified as the login data.

8.2 Start screen

After the **METPOINT[®] OCV DATALOG** program is started, the following appears on the screen:



The program has 4 basic functions:

- IMPORT + VIEWER
- SCREENSHOT
- LIVE
- FIRMWARE UPDATE.

A detailed description of the individual functions can be found on the following pages. Furthermore, you will find 2 additional display elements on the start screen.

8.2.1 Display of connected devices

In the header of the program, you will find the following symbol:



The symbol shows the status of the network connection, and how many METPOINT[®] OCV are connected.

The number indicates how many METPOINT® OCV are available for direct access in the network.

If the display is highlighted in green then the network connection is active, and connected METPOINT[®] OCV are available per data line. A yellow highlight signals that the notebook is connected to a network, but without connection to a METPOINT[®] OCV.

If the display is red, the notebook is not connected to the network.

8.2.2 Language selection

The **METPOINT**[®] **OCV DATALOG** program is available in two languages. A language selection can be made between German and English.

The current language setting is indicated in the right upper corner of the screen.



Use the drop-down menu to change the language setting by clicking on the desired language.



After successful change, the following note appears:



The language selection will automatically be adapted when program is restarted.

8.3 The LIVE function

This view shows the current measured value and average of the last 10 measurement cycles, as well as the respective compressed air quality class according to ISO 8573, or the development of the measured values.

First establish a connection to a METPOINT[®] OCV. For this purpose, select the **LIVE** function and activate the drop-down menu "Select device".

IMPORT + VIEWER SCREENSHOT	LIVE FIRMWARE UPDATE	1 Metpoint @ 🚺
- Select device -		

Now the available devices connected per network are displayed.



The connection is established by clicking on the desired device.

As soon as the next measured value appears on the METPOINT[®] OCV, the information is transferred in **LIVE** view.

Metpoint OCV Datalog Version: 1.3.1.1	METRORY DOL (META-201, 1	Lower, p. N. Con Ample Street, Name And	
IMPORT + VIEWER SCREENSHOT LI	IVE FIRMWARE UPDATE		1 Metpoint ®
Metpoint 124 × Metpoint,124 × Live Live logging			
	OIL	VAPOUR CONTENT	
	Class 1	mg/m³ Avg. value (Z=10) 0.0055 mg/m³	

In addition to the display of the measured value, the development of the measured value can also be shown. For this purpose, select the **Data diagram** tab.



The standard setting shows 3 different measured value curves:



8.3.1 Data diagram adaptation

Several functions are available to adapt the view of the data diagram Use the right mouse button for this. Use the left mouse button to select the displayed functions from the provided selection menu.

	Hide/Show curves	۲
	Сору	
	Save Image As	
	Page Setup	
	Print	
~	Show Point Values	
	Un-Zoom	
	Undo All Zoom/Pan	
	Set Scale to Default	

When selecting the function Show / Hide Curves, another menu appears.

-	Hide/Show curves	• •	Measured value
+	Copy Save Image Ac	~	Run. Avg.
4	Page Setup	Ľ	Tot. Avg.
	Print		
. 🗸	Show Point Values		
	Un-Zoom		
	Undo All Zoom/Pan		
	Set Scale to Default		

Now select via mouse click which one of the three available measured value curve options is to be displayed. Removing the check deactivates the corresponding measured value curve. The measured value curves can be shown or hidden at any time.

If the function "Show Point Values" is activated, the individual measured values can be displayed in the Data diagram via the mouse.



8.4 The SCREENSHOT function

The **SCREENSHOT** function makes it possible to store and further process the current METPOINT[®] OCV display.

Metpoint OCV Datalog Versi	on: 1.3.1.1			Market 10, Mrs. 28, 11, rend & 2010 in Regulationship Result for	
IMPORT + VIEWER	SCREENSHOT	LIVE	FIRMWARE UPDATE		1 Metpoint @
- Select device - Metpoint_124				Full size	

First select a METPOINT® OCV from the drop-down menu "Select Device".

Clicking on the camera symbol gives you a preview of your screen shot on the right side under the heading "Full Size".

Metpoint OCV Datalog Versi	on: 1.3.1.1			METHODAL STATE (State of the particular of the Association of the State of the Stat	
IMPORT + VIEWER	SCREENSHOT	LIVE	FIRMWARE UPDATE		1 Metpoint ®
Metpoint 124					
Thumbnails				Full size	

On the left side you will find an overview of the screen shots under "Preview"; here you can select whether to save or delete the screen shot.

Metpoint OCV Datalog Version: 1.3.1.1	384.	METHODA' ICI.	WARD IN COMPANY AND IN THE OWNER.	And Manual Prod
IMPORT + VIEWER SCR	EENSHOT LIVE FIRMWARE UPDATE			
Metpoint 124				
Thumbnails 🦼		Full size		-
03. VAPOUR CONTENT Server and Content 0.0035 equit	OIL V		ONTENT	
Chry 1 Billion	Measured Value		Avg. Value (Z=10)	
	0.0013	mg/m³	0.0013 mg/m ³	
			ISO 8573-1	
	Class		$ \begin{array}{l} Class 0 = user specified \\ Class 1 \leq 0.01 mg/m^3 \\ Class 2 \leq 0.1 mg/m^3 \\ Class 3 \leq 1 mg/m^3 \\ Class 4 \leq 5 mg/m^9 \end{array} $	
BL VARCHE CONTENT Value of all 0.0013 value* C1233 Name* Name* Name* Name*	Limit Value 0.010	mg/m³	m³ [1 bar abs., 20°C, 0% r.H.]	
	Main Menu		Expert Level	
	Met	point_124_06.08.2013	09:01:02	

To save the screen shot click on the Save symbol and select the desired directory path.

The program recommends a file name consisting of device number, date and time (e.g. METPOINT_124_06.05.2013 14_00_55.png). The file name can be changed at any time.

The screen shot is only saved at the specified location in PNG format.

8.5 The FIRMWARE UPDATE function

The **FIRMWARE UPDATE** function can be used to update the METPOINT[®] OCV firmware. As a rule, these tasks are performed during routine calibration and maintenance of the devices or, in exceptional cases, by our service.

8.6 The IMPORT + VIEWER function

The METPOINT[®] OCV setting is such that it automatically creates log files from the measured values and stores them in the internal memory.

This program allows access to these log files during operation.

The **IMPORT + VIEWER** area includes 3 functions:

- Automatic import
- Single file import
- Multiple file import

Ketpoint OCV Datalog Versi	ion: 1.3.1.1			ARTICLES - 1
IMPORT + VIEWER	SCREENSHOT	LIVE	FIRMWARE UPDATE	
Automatic import	Import single file	Import	multiple files 🔻	

A detailed description of the individual functions can be found on the following pages.

8.6.1 Selection of data

All three IMPORT + VIEWER functions require the definition of specific periods for the transaction selected. To do so, use the timeline located above the individual selection menus.



By double-clicking on the year, the period can be limited to the year selected.

	Aut	omatic imp	port										×
	_					Se	elect start	and end c	late				
		1/1/2012 1	2-00-00 AM	- 1/1/201	3 12-00-00	AM							
			2.00.00 711	1/1/201	.5 12.00.00		20	12					
h		January	February	March	April	May	June	July	August	September	October	November	December
												D	

Additional double-clicks can limit the period to the desired month, day or hours.

A	ute	omatic	impo	rt																										
	_											-	Sele	ct st	tart a	and	end	dat	e											
	4	/1/20	12 12	:00:0	0 AM	- 5	/1/2	012	12:0	0:00	АМ																			
Ш															April	2012														
	9	1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	L					_			_		_			_	_	_		_				_		_		_	_			

	Aut	toma	tic imp	ort																						×
	Г										Se	lect s	tart	and e	end d	ate										
		4/18,	/2012	12:00	:00 AI	M - 4	/19/2	012 1	2:00:0	00 AM																
		8										Wedr	nesday, i	April 18	2012											
Ш		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
		_	_	_	_	_	_	_	_	_	_	_			_	-		_	_	_	_	_	_	_	_	41

A	utomatic import
ſ	Select start and end date
	4/18/2012 9:00:00 AM - 4/18/2012 10:00:00 AM
	Wednesday, April 18, 2012 9:00 AM

To extend the period again, the blue bar is elongated accordingly.

A	utor	matic imp	ort															E
								s	elect s	tart ar	nd end date]						
	1/	4/2012 5	:12:26 F	PM - 1	2/27/20	12 10:4	8:54 AI	M										
Ш											2012		_					
Ш	ug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
			_	_			_	_	9									
	-								-									

After this, the endpoints of the timeline can be moved to the desired start and end position.

1	Aut	omatic im	port																×
	Г							s	elect s	tart an	d end	date							
Ш		L/4/2012	5:12:26	PM - 1	2/21/20	012 10:	48:54 AI	м											
Ш	Ш										20	12							
Ш	u	g Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Júl	Aug	Sep	Oct	Nov	Dec 🕑	Jan	Feb
	18								_										
	L								<u>d</u>										

8.6.2 The AUTOMATIC IMPORT function

When selecting the AUTOMATIC IMPORT function, the following input screen appears:

4	utomatic import
	Select start and end date
	1/1/2010 12:00:00 AM - 8/6/2013 9:12:08 AM
	2010 2011 2012 2013 J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J IIIII
	Synchronization folder
	Q:\ O Yes @Select device - _ O Measurement
	Start Stop
	0/0 Files (0.0/0.0 MB)

First, go to "Synchronisation Folder" to specify the storage location for saving the measurement data. Next, the program will create a subfolder with the name METPOINT XXX (e.g. METPOINT 124) in the file folder selected. The file path is indicated accordingly.

Next, go to the drop-down menu "Select Device" to select the METPOINT[®] OCV whose measured values you want to check.

Automatic import			
	Select start and	end date	
1/1/2010 12:00:00 AM - 8/6/2013 9:12:08	AM		
2010 J F M A M J J A S O N D J F.	2011 M A M J J A S O N	2012 D J F M A M J J A S O N D	2013 J F M A M J J
Synchronization folder	····	Synchronize with device ? Yes Metpoint 124	Mode O Measurement
	Start	No @	Calibration
		0/0 Files	(0.0/0.0 MB)

Then select Measurement in "Mode". Measurement mode is activated when the item is highlighted in white.

Use the timeline to select the period for which you would like to check the measured values (see chapter 8.6.1 Selection of data).

Automatic import	
Select st	art and end date
1/4/2012 5:12:26 PM - 12/27/2012 10:48:54 AM	
ug Sep Oct Nov Dec Jan Feb Mar Apr	2012 May Jun Jul Aug Sep Oct Nov Dec Jan Feb
Q:\	Synchronize with device ? O Yes @ Metpoint 124 O Measurement
Start	Stop
	0/0 Files (0.0/0.0 MB)

Then select "Start". Now data download is performed. You can see the progress of the download on the screen.

Automatic import		
	Select start	and end date
6/1/2013 12:00:00 AM - 7/1/2013 12:00:00 AM		
October November December January	February	March April May June July
Synchronization folder @		Synchronize with device ? Mode O Yes Metpoint 124 O Measurement • No Calibration
	Start	Stop
Scanning /Meas/2013/6/5, 0 Files skipped		28/47 Files (1.7/31.4 MB)



After the download is complete, the measured value file is automatically opened.

It is also possible to make several downloads in parallel. Use the file tabs to switch between the individual download views.

Metpoint CCV Datalog Version: 1.3.1.1	
IMPORT + VIEWER SCREENSHOT LIVE FIRMWARE UPDATE	Metpoint ®
Automatic import ingle file Import multiple files	
METPOINT_124#2013_4_29#12_37#Meas#Kaeser S.F. ISO 8573-LIOg X METPOINT_124#2013_4_5912_15#Meas#Kaeser S.F. ISO 8573-LIOg X	
3/28/2013 11:43:54 AM - 4/1/2013 11:48:56 PM	
Py, 28 Friday, 29 Sanurday, 30 Sunday, 31 Monday, 1 Tuesday, 2 Wednesday, 3 Thunday	j, 4 Frida

In addition, the log files are saved in the selected file folder.



The measured values are stored under "Meas". Next, sorting is by year, month and day. A subfolder is only created if a measurement was started on the corresponding day.

The file name begins with the start time of the measurement, followed by the [#] symbol and the substance measured.

8.6.3 The SINGLE FILE IMPORT function

This function allows access and graphic display of saved log files.

MPORT + VIEWER	SCREENSHOT	LIVE	FIRMWARE UPDATE	
Automatic import	Import single file	Import	multiple files 🔻	

For this purpose, click on "Single File Import" and select the network path that leads to the location of your log files.



Next, select the desired file and double-click to confirm.

Organize 🔻 New Folder			:= • 🔟 🔞
MEASUREMENT DATA METPOINT OCV METPOINT_124 Measurement	*	Library "Documents" 16-00#Kaeser S.F. ISO 8573-1	Sort by : Folder ▼
2010		Name	*
2012		METPOINT_124#2013_3_2#16_00#Meas#Kaeser	S.F. ISO 8573-1.log
Jan 2013			
Jan 3			
Jan 2			
🌗 16-00#Kaeser S.F. ISO 8573-1	E		
Jb 15			
28			
🎍 4			



The file is opened and shown in diagram form.

It is also possible to perform a single import of several files. Use the file tabs to switch between the individual import screens.

Metpoint OCV Datalog Ver:	ion: 1.3.1.1			METRODATION (ANTA-ADD.)	Connect & No. 2 American	Addressed Manual Prod			- 0 - ×
IMPORT + VIEWER	SCREENSHOT	LIVE	FIRMWARE UPDATE					1 🗮 -	Metpoint ® OCV Datalog
Automatic import	Automatic import single file Import multiple files 🕶								
METPOINT_124#2013	METPOINT_124#2013,4_23#12_37#Mess#Kaeser S.F. ISO 8573-1.log X METPOINT_124#2013,4_5#12_15#Mess#Kaeser S.F. ISO 8573-1.log X								
3/28/2013 11:43:54 AM -	3/28/2013 11:43:54 AM - 4/1/2013 11:48:56 PM						EA ES		
Say, 28	Friday, 29		Saturday, 30	Sunday, 31	Monday, 1	Tuesday, 2	Wednesday, 3	Thursday, 4	Frida

The data diagrams can be adapted by means of different functions. Also see chapter 8.3.1 Data diagram adaptation and chapter 8.6.1 Selection of data.

8.6.4 The MULTIPLE FILE IMPORT function

The MULTIPLE FILE IMPORT function makes it possible to import multiple measured value files, optionally into one or several diagrams.

Select "Multiple File Import".

MPORT + VIEWER	SCREENSHOT	LIVE	FIRMWARE UPDATE	
utomatic import	Import single file	Import	multiple files 🔻	

Use the drop-down menu to select whether all measured value files are to be imported into a graph, or whether a graph is to be created for each file.

PORT + VIEWER	SCREENSHOT	LIVE	FIRMWARE UPDATE
tomatic import	Import single file	Import	multiple files 🔻
		Into si	ingle Graph

Both variants allow you to choose whether the subfolders of the file folder selected are to be included or not.

🚺 Metpoint OCV Datalog Versi	on: 1.3.1.1				Appropriate and particular pro-	-
IMPORT + VIEWER	SCREENSHOT	LIVE	FIRMWARE UPDATE			_
Automatic import	Import single file	Import	multiple files 🔻	٦		
		Into si	ingle Graph	•	All files from folder	
		One g	raph per file	•	All Files from folder + subfolders	

Select the desired file folder or the desired file.



If the variant "One graph per file" has been selected, single file diagrams are displayed. Use the tabs to switch between files or delete single files.



When using the variant "All files in one graph", the data are accordingly combined, and one data diagram is displayed.

8.7 Data export in EXCEL

Generally it is possible to export the measurement data into an EXCEL spreadsheet. In the process, it is possible to select whether the entire file or the selected area is to be exported.





Export entire diagram into EXCEL.



Export selected area into EXCEL.

If you wish to export only parts of the data diagram, please use the timeline to select the desired area (see chapter 8.6.1 Selection of data).

To export the selected or all data, click on the corresponding symbol. Now you can specify the directory path and the file name.



To confirm this step, click on "Save"; the measurement data are then exported into an EXCEL spreadsheet.

During data export, the device number is always transferred as well. The EXCEL file can be accessed and opened like any regular file.

Example:

	Measured values METPOINT_244	BEKO
Date/time	Residual oil content in	
	mg/m³	
01.08.2012 04:21	0.5216	
01.08.2012 04:23	0.5237	
01.08.2012 04:37	0.5237	
01.08.2012 04:48	0.5180	
01.08.2012 04:53	0.5165	
01.08.2012 04:58	0.5176	
01.08.2012 05:09	0.5152	
01.08.2012 05:20	0.5210	
01.08.2012 05:25	0.5230	
01.08.2012 05:36	0.5169	
01.08.2012 05:44	0.5170	
01.08.2012 05:47	0.5210	
01.08.2012 06:03	0.5179	
01.08.2012 06:09	0.5265	
01.08.2012 06:19	0.5322	
01.08.2012 06:30	0.5143	
01.08.2012 06:38	0.5093	
01.08.2012 06:46	0.5140	
01.08.2012 06:52	0.5145	
01.08.2012 07:05	0.5182	
01.08.2012 07:08	0.5186	
01.08.2012 07:21	0.5251	
01.08.2012 07:29	0.5212	
01.08.2012 07:40	0.5246	
01.08.2012 07:43	0.5235	
01.08.2012 07:56	0.5281	
01.08.2012 07:59	0.5282	
01.08.2012 08:13	0.5331	
01.08.2012 08:15	0.5334	
01.08.2012.08:32	0.5416	
01.08.2012.08.34	0.5437	
	0.5570	
	0.5081	
01.00.2012 09:04	0.3004	
	1/1	

9 Service

9.1 Support on all matters concerning application

The BEKO technical service and field service teams will be happy to assist you should you have any technical questions.

In case of inquiries, please always have the serial number of your METPOINT[®] OCV and, if applicable, the code of the malfunction occurred available.

BEKO TECHNOLOGIES GMBH will answers any questions you might have about compressed air treatment and compressed air quality.

Please contact us.

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