

## ThemisOnline Help

## 1. ThemisOnline - Help

The ThemisOnline program provides you with a comprehensive solution to the test equipment management in the Internet. This provides not only the pure administration of data of test equipment (e.g. to create at regular intervals recall lists). It also provides details of the test equipment curriculum vitae, to the calibrations carried out including the calibration certificates as well as to the master data of the equipment (for example, cost center, storage location, location) available.

ThemisOnline supports you in the maintenance of master data of any number of test equipment, display and filtering of equipment according to your individual needs, the maintenance of test curriculum vitae resources, calibration history, and the individual output of the data on screen, printer, PDF, and MS Excel file.

ThemisOnline is optimized for the issue in Firefox and Internet Explorer (versions 10 and 11).

The present aid offers the user a quick insight into the workings of ThemisOnline and its functionalities. Also, a FAQ is included, which detailed questions often occurred.

## Registration

On the Web page <u>www.themisonline.de</u>, you can log on to the system.

Logon			
Customer	*		
User name	*		
Password	•		Logon
	👫 Select	Language	

The credentials provided to you by Trescal (www.trescal.de) available.

The interface languages German, English, French, Czech, Danish and Hungarian currently available options are ready.

Log on to ThemisOnline is done by pressing the button "Login" and the main screen will be displayed.

## 2. Test Equipment

## 2.1 Test Equipment list

In the ThemisOnline, a distinction is made between current and deleted test equipment. All test equipment that are marked as deleted are in the overall list. If a piece of equipment from the current list is deleted, it gets "Deleted" mark. It is still available as a complete equipment with all curriculum vitae and calibration information in the system. It is excluded from the list of the current equipment only.



A "Deleted" marked test equipment can be restored in the current list or permanently deleted (removing all CV and details of calibration).

You can apply the filters in each of the stocks to find test equipment. Equipment marked as deleted can not be changed.

## **2.2 Current instrument list**

The list of the current instruments will be shown at the start of ThemisOnline. It is the last list layout or a standard layout used for the view of the equipment selected.

The credentials are displayed in the upper right pane.

Also a navigation bare, which informs about the current position within the Web application located in the upper part of the Web page. Also, this bar contains links to this help, contact data, and log off.

The main buttons "Equipment", "List configuration" and "Configuration" represent the entry points in the respective submenu items.

#### **Building the current equipment list**

Appearance and contents of the test agents list be set over the 3 criteria list layout, filtering and sorting. These links are selected in addition to the test list and be applied to them.

The <u>list layout</u> sets the column displayed in the test list, as well as their width. No list layouts are configured, displays the columns "Id", "Name" and "Specification".

The <u>filter</u> determines the size of the displayed equipment. This represents a database query with specific criteria. The filter < all test equipment > is a standard filter no filter criteria, whose selection displays all test equipment.

The <u>sorting</u> is responsible for the appearance of the equipment in the list in a certain order. No collation is selected, the list is sorted by "Id", "Name" and "Specification".

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-)(-	List configuration	•	Configuratio	n)								
est equipment>	Search ID nun	nber 🔽		Search	Advanced Search						60 of	60 marked: 0
ID number	Designation	Specification	Manufactur	Use status	Testing decision	Calibration dat	Due date	Inspection	Due status			
1094	Meßuhr mit Zifferna	25mm / 0,001mm	Mitutoyo	in action	Prüfmittel ist einsati	z 9/12/2006	9/12/2010	4 Year (s)	overdue	*		Actions
1227	Meßschieber Form	300mm/0,1mm	China	in action	Prufmittel ist einsatz	3/25/2011	3/25/2013	2 Year (s)	overdue			-
1230	Meßschieber Form	300mm/0,1mm	China	in action	Prufmittel ist einsata	z 3/25/2011	3/25/2013	2 Year (s)	overdue			Select All
1268	Meßschieber Form	150mm/0,1mm	Super	in action	Prüfmittel ist unter l	3/25/2011	3/25/2013	2 Year (s)	overdue			
1422	Meßschieber Form	1 300mm/0,05mm	HHW	in action	Prufmittel ist einsatz	3/25/2011	3/25/2015	4 Year (s)	calibrated			Unmark
1689	Tiefenmeßschraube	0,00-25,00mm/0,01	Mitutoyo	in action	Prüfmittel ist einsat	3/25/2011	3/25/2015	4 Year (s)	calibrated			
1700	Bügelmeßschraube	75,00-100,00mm/0	Massi	in action	Prüfmittel ist unter I	3/25/2011	3/25/2015	4 Year (s)	calibrated			Invert Selection
1700	Einstellmaß für Büg	75,0020 mm	ohne	in action	Prufmittel ist einsatz	z 3/25/2011	3/25/2015	4 Year (s)	calibrated			
1702	Bügelmeßschraube	100,00-125,00mm/0	MAUSER	in action	Prufmittel ist einsatz	3/25/2011	3/25/2015	4 Year (s)	calibrated			Show marked
1704	Bügelmeßschraube	125,00-150,00mm/0	MAUSER	in action	Prüfmittel ist einsat	2/9/2007	2/9/2011	4 Year (s)	overdue			
1705	Bügelmeßschraube	150,00-175,00mm/0	MAUSER	in action	Prüfmittel ist einsat	1/17/2007	1/17/2011	4 Year (s)	overdue		Sav	e in Single Selec
1706	Bügelmeßschraube	175,00-200.00mm/0	MAUSER	in action	Prüfmittel ist einsatz	z 1/17/2007	1/17/2011	4 Year (s)	overdue			
186	Universalwinkelmes	0-360°/5'	Vis Polen	in action	Prüfmittel ist einsatz	2/12/2007	2/12/2011	4 Year (s)	overdue			Print
1957	Bügelmeßschraube	0,00-25,00mm/0,00	Mitutoyo	in action	Prüfmittel ist einsati	z 5/19/2008	5/19/2010		overdue			
2184	Haarlineal	100 mm	ohne	in action	Prüfmittel ist einsat	9/11/2006	9/11/2010	4 Year (s)	overdue			Book operation
2196	Haarlineal	100 mm	ohne	in action	Prüfmittel ist einsati	9/11/2006	9/11/2010	4 Year (s)	overdue			
2210	Haarlineal	100 mm	Schmalkalden	in action	Prüfmittel ist einsati	6/27/2011	6/27/2015	4 Year (s)	calibrated			Order produce
2232	Haarlineal	100 mm	ohne	in action	Prüfmittel ist einsat	6/27/2011	6/27/2015	4 Year (s)	calibrated			and a production
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2253 2259	Haarlineal	500 mm	ohne	in action								
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Zifferna / Smm / 0.001mm         Milutoyo         n action         Primitel ist enast         0/12/2016         9/12/2016

The number of the currently displayed page, as well as the total number of pages is visible in the header of the test resources list. It also shows the number of test equipment in the current filter, the total number of test equipment in the system, as well as the number of the currently selected test equipment.

The available <u>actions</u> are displayed on the right side of the check list. These provide various tools and utilities that can be applied to the equipment in the list.

The framework for the list configuration and the actions can be minimized through a corresponding button (PIN). Thus, a larger work area available is for the test list.

The width of the table columns can be changed by dragging the border of the column with the mouse for the current view.

Sorting the list is changed by clicking on a column heading, or vice versa.

#### Search for test equipment

This can be performed from the header out between "Simple" and "Advanced search".

 Image: Non-Search
 Image: Search
 Search
 Image: Search
 Advanced Search

 Image: Search
 Search
 Image: Search
 Image: Search
 Advanced Search

60 of 60 marked: 0

Treccal

The filter already applied to another criterion (in the frame of the table columns) can be restricted under the "simple search". This extension of the filter is only temporarily valid for the test agents list below and is not stored in the filter.



The "advanced search" offers more search criteria, which in this case, not to the individual selection, but simply be taken over by entering a search text in the current search. The search text is internally automatically a "\*" added for characters of any consequence. Also can be filtered on the "due date" and next and last calibration. The search criteria are when creating the query logically with "And".

Advanced Search							
) number	Designation	Specification	Operation unit number	Cost Center	Site of usage	Stor	re location
				*	~	*	~
lanufacturer	Serial number	Inventory number	Person responsible	Test laboratory	Testing decision		
~				*	~	*	
ddition 1	Addition 2	Addition 3	Addition 4	Addition 5	Addition 6		
*		~	*	~	×	~	Search
Use status	Due status	Due date	Calibration date	1	Insert date		Onsite calibration
(none) in store defect not calibra disused not findabi eliminated ordered in action repair		don't filter     Date     today +     act.month	don't filter     Date     today +     act month		don't filter     Date     today +     act. month		don't filter     Ves     No

#### **Possible actions**

The selection of one or more rows can be done in different ways:

- 1. **Selection of a single row** by clicking in a row anywhere: there is only one line selected (colour-coded). Click in another row is finished selecting the current row and the new row selected.
- 2. Selecting a range of line by clicking in a row at any point, then click in another line at any point in holding down SHIFT (shift) key: a contiguous range of row is marked and so selected.
- 3. Selection of individual non-contiguous rows by clicking in a row at any point, then click to another row when holding down CTRL (CTRL) button.
- 4. **Combination between 2 and 3:** Mark a line area (described as under 2.) and then deselect individual rows (as described in section 3). This marker style will also work over multiple pages, if fit all rows on a page, or the maximum number of rows visible in a page is restricted.
- 5. Selection of all rows on <u>a</u> page by using the keyboard shortcut CTRL + A (CTRL + A). In contrast, "All mark" are marked by pressing the button all rows on <u>all</u> sides.
- 6. Selection cancel by pressing the button "unmark".

The button "show" displays all selected test in the test list.

#### Print

Selected test equipment or all test equipment be provided to print.



Test equipment		
4 Test	t equipment se	lected
Print		
Category		
Test equipment	~	
Printing mask		
Auflistung		Print
		Back
	÷	
Remark		
Download		
🔁 Auflistung		

Printing via a pre-configured list. The representation must conform to this in the print output does not display on the screen. The print lists can be adapted and made available.

After clicking on the print button, the file attachment is automatically offered for downloading. If this dialog does not appear, you can the download link below that appears (in the picture: collection) to start. The latter does not also the success, allow the security settings in the Internet options may not download files.

	Auflistung				Trescal Borsigstra	C. S.	Seite : 1 von 1 Druckdatum : 12.06.2014 Bearbeiter : Galen Beck			
Nr.	ID number	Designation	Specification	Manufacturer	Use status	Due date	Calibration date	Testing decision	Inspectior interval	
1	1094	Meßuhr mit Ziffernanzeige	25mm / 0,001mm	Mitutoyo	in action	12.09.2010	12.09.2006	Prüfmittel ist einsatzfähig	4 Year (s)	
2	1227	Meßschieber Form 1A mit Skalenanzeige	300mm/0,1mm	China	in action	25.03.2013	25.03.2011	Prüfmittel ist einsatzfähig	2 Year (s)	
3	1230	Meßschieber Form 1A mit Skalenanzeige	300mm/0,1mm	China	in action	25.03.2013	25.03.2011	Prüfmittel ist einsatzfähig	2 Year (s)	
4	1268	Meßschieber Form 2A mit Skalenanzeige	150mm/0,1mm	Super	in action	25.03.2013	25.03.2011	Prüfmittel ist unter Beachtung der Messunsicherheit einsatzfähig (U)	2 Year (s)	

#### **Book operation**

Selecting equipment records and pressing "Book operation" creates a booking. For the latter, a process can be triggered now. These operations can be configure under operations . Next status is configured for the selected operation one may be awarded also with the booking.



Test equipn	18 2.42 (SA)	ment selected	
Book	~		
Operation	Anschaffung	× (	
Follow-up status		~	Book
Operation date	6/12/2014		Cancel
Remark			L'ANNA ANA ANA ANA ANA ANA ANA ANA ANA AN

It is also possible to set a date of operation or to add a comment of posting.

## 2.3 Individual selection

The individual selection is the compilation of a list of test equipment, which can have actions performed on it.

Single-selection of test equipment is carried out as the simple search.

Themis		Version 1.9	9.19.78							Date: (	5/12/2014		
You are here : Test eo	quipn	ent > Single Se	election									Help	Contact Log
Test equipme	ent		List configuration		Configuratio	n							
54 - 18 - 2	_												
1 🗸 / 1 🔊	2	Search ID num	iber 🔽		Search				V.			4 of 60	marked: 0
List Layout	ņ	ID number	Designation	Specification	Manufactur	Use status	Testing decision	Calibration dat	Due date	Inspection	Due status		
dard		1230	Meßschieber Form		China	In action	Prüfmittel ist einsatz		3/25/2013	2 Year (s)	overdue	ł	Actions
sicht Kalibrierdaten sicht Stammdaten		1268	Meßschieber Form		Super	in action	Prüfmittel ist unter B		3/25/2013	2 Year (s)	overdue	1	Select All
Sorting		1227	Meßschieber Form	Statistical and the state of th	China	in action	Prüfmittel ist einsatz		3/25/2013	2 Year (s)	overdue	V	oninteres.
6	-	1094	Meßuhr mit Zifferna	25mm / 0,001mm	Mitutoyo	in action	Prüfmittel ist einsatz	9/12/2006	9/12/2010	4 Year (s)	overdue		Unmark
ekeitsdatum lard		1891											
												Inve	ert Selectio
												Sh	ow marked
												Remove	marked fro
												(	Clear list
												(	Print
												Boo	ok operatior
												Ore	ler produce
												Colle	ctive chang
												Ð	cel Export
												Mar	k as deleter



Any more search adds the test equipment from the search result to the test list. In this manner, for example list of test means equipment can be found quickly and put together a list of orders.

#### 2.4 Detail data

The specific data of the test equipment are displayed in the detail data. "Search" from a selected panel provides a selection of test equipment as a list in the background by using the corresponding buttons "Previous" and "Next" can be navigated.

Tre		hemisOnli rsion 1.9.19.78						Logged in: Galen B Company: Trescal Rights: Adminisi Date: 6/12/20	GmbH Irator	
	Test equipment > C quipment		configuration	Configuration					Help Contact	Logout
Previous Test equipm	3/4 🗢 🌔	Next 👂	Search ID number	~	Sear		tus		A - 11 - 11 - 11	
	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.								Actions	5
D number	* 1227						status	in action	New	
Designation	* Meßschieber		kalenanzeige			Testi	ng decision	Prüfmittel ist einsatzfähig		_
Specification	* 300mm/0,1mi					24.755	ficate no.	P/10-022207	Сору	
Description	ohne Tiefenn	100000			_		ration date	3/25/2011		_
Inventory number	JML4BS7/300	)SW-14				12	TALL STATUTED COL		Edit	
Manufacturer	China	_			_	the second secon	status	overdue		
Serial number	70178					Due	date	3/25/2013	Edit docume	ents
Operation unit nun	nber					Y De	umanta			
Cost Center	300					~	cuments		— Mark as dele	eted
Site of usage	* Schlosser					✓ No	ne			-
Store location	Schrank 1					✓ Crea	fed at 6/11/2014		Book operat	tion
Person responsible	e TEF					🗸 by	Trescal Gmb	H EDV/SE		_
Test laboratory	MWQ GmbH					~	hange 3/31/2011 10		Calibratio	n
Onsite calibration		v				last e	editor Trescal Gmb	H EDV/SE		
Remark	Ves 🧐	No							Print	
		294							History	
Inspection Interval fixed calibration da	2 Year (	s)	~							
Calibrations										3 Ent
Delete Testing date	Number	Certificate	Testing decision	Note to the test decision		Laboratory	Order number	Arranger	Entry date	
3/25/2011	P/10-022207		Prüfmittel ist einsatzfähig	keine		Trescal GmbH ED	v	Trescal GmbH EDV/SE	3/25/2011 10:34:16 AM	
5/24/2008	P/08-025870	G	Prüfmittel ist einsatzfahig	Tooland 1		Trescal GmbH ED	131	Trescal GmbH EDV/SE	6/7/2010 12:35:09 PM	
5/21/2006	P/06-022616		Prüfmittel ist einsatzfähig	1979-1979 State		Trescal GmbH ED	na potra	Trescal GmbH EDV/SE	6/7/2010 12:35:09 PM	
	5.1 			1		×	- N		4	1.
Curriculum	vitae									
Delete										3 Ent
Operation date	Operation	Use status	Document	s Arranger	Bookin	g date F	lemark			
	Kalibrierung	in action		Trescal GmbH EDV/SE		-				
3/25/2011										
3/25/2011 6/24/2008	Kalibrierung	in action		Trescal GmbH EDV/SE	6/7/201	0 12:35:09 PM				

Displays the detail data of the test equipment. Mandatory fields are \* marked. When you create or edit a test equipment, these fields must be filled. The scope of the "friendly" detail fields can be defined through the configuration. It is possible that individual details are monitored. I.e. input new content stored only after confirmation from the user. The function is to prevent spelling mistakes when collecting detailed information.

The current status of the test equipment consists of the usage status, the data of the last calibration (protocol number, test results, calibration date) and the date of the next calibration. The latter is either calculated from the date of the last calibration plus test period or such a solid



calibration date specified. The display of the data of the last calibration and the next calibration date depends on the usage status.

The system data of the test equipment give information about the time of the recording of the test equipment in the system by ThemisOnline and by whom and when the test equipment was last edited.

The calibration of the test equipment in a list are displayed underneath the test media data. Calibration certificates each demonstrates in the column of "Certificate" as a small icon. The calibration of the screen can appear by clicking on a single symbol. Individual calibrations can be deleted with the button "Delete". This deletes all protocols associated to the calibration and resume entries.

The table shows CV which operations at the inspection were performed. Individual curriculum vitae entries can be deleted using the "Delete" button. Deleting the current status of the use of the test equipment is adapted.

#### **2.5 Actions**

Different actions are possible depending on the current position.

<i>Test list</i> Mark all	It selects the current filter all test equipment (on all sides).
Unmark	The marking is removed on all sides.
Mark show	All selected test in the table are represented.
Print	There is a print output as a check list or detail sheet for the selected piece of equipment.
Active Instrument List	
Process book	An operation is posted for the selected piece of equipment. This can have a result status.
Create order	The selected test equipment will be shipped as a mandate for a calibration laboratory. An email with the order items will be sent the calibration laboratory. In addition, a print can be done and for the piece of equipment, the tracking starts.



Event	
Follow-up status	ordered
Date Remark	* 7/14/2014
Order	
Festing Laboratory I-mail text Delivery note	Trescal GmbH EDV/SE
Order number	
Printing mask	Lieferschein
	Delivery Address Billing address
	· · · · · · · · · · · · · · · · · · ·
leader	

## **Collect change**

#### Specific detail data can be modified at the marked test equipment.

D number	
Designation	-
Secification	
Description	
Inventory number	
Manufacturer Helios	~
Serial number	
Operation unit number	~
Cost Center	~
Site of usage	×
Store location	~
Person responsible TEF	~
Test laboratory	~
Onste calibration	
Remark	
Calibration cost	
Addition 1	~
Addition 2	~
Addition 3	~
Addition 4	~
Addition 5	~
Addition 6	Ŷ
inspection interval 1 Year (s)	

To the corresponding fields will be with a hook and covered with a change entry. The fields marked with a red asterisk are mandatory and therefore must be completed. All other fields can be left empty, however this empty entry is then also saved and already existing entries so that more or less removed.

#### EXCEL export Hereby you can save all or only selected equipment in the list including the columns shown in the current layout of the list in an EXCEL file.

Mark as deleted The test equipment is marked as deleted and is moved to the deleted stock.



#### **Deleted test equipment**

**Restore** The selected test equipment should be moved back in the active instrument list. The deletion marker will be removed.

Final deleting Irrevocably deletes all data of the selected equipment.

<i>Detail data</i> New	The mask is emptied and it can be applied to a new piece of equipment.
Сору	The details of the displayed test equipment are copied into a new piece of equipment.
Print	Print the data in the detail of the displayed test equipment.
<i>Detail data (active test)</i> Edit	You can edit the details of the test equipment.
Store	The changes to the test equipment are stored. The user is registered as the last editor.
Cancel	Edit the test equipment will be canceled. The changes are discarded.
Delete	The displayed test equipment is marked as deleted and moved to the deleted stock.
Process book	An operation is posted for the displayed piece of equipment. This can have a result status.
Calibration	A calibration is recorded for the displayed piece of equipment. A calibration certificate is assignable to this.

#### Detail data (deleted test equipment)

Restore	The displayed test equipment will be moved back in the active inventory. The deletion marker will be removed.
Final deleting	Irrevocably deletes all data of the test equipment.

## Tracking

CancelThe TrackingStatus of the test equipment will be deleted. The test equipment is<br/>no longer included in the tracking.



## 2.6 Tracking

The tracking appears a list of test equipment, which commissioned a calibration laboratory is included. In this list, the delivery status of the equipment can be traced. In the delivery column it is viewable by clicking on the icon, where appropriate, on the screen.

	Designation	Specification	Person responsib	Store locat	Site of usa	Due date	Inspection interv	
1700	Bügelmeßschraube m	75,00-100,00mm/0,01	TEF	Schrank 2	MP		4 Year (s)	Actions
1700	Einstellmaß für Bügeln	75,0020 mm	TEF	Schrank 2	MP		4 Year (s)	Select All
1702	Bügeimeßschraube m	100,00-125,00mm/0,0	TEF	Schrank 2	MP		4 Year (s)	
1704	Bügelmeßschraube m	125,00-150.00mm/0.0	TEF	Schrank 2	MP		4 Year (s)	Unmark
1705	Bügelmeßschraube m	150,00-175,00mm/0,0	TEF	Schrank 2	MP		4 Year (s)	

The button "Cancel", the equipment can be removed from the tracking. Also, the Trackingliste can be exported to EXCEL.

## 2.7 History

The history provides a list of inspection equipment and their history of changes. In the list of test equipment that property and the change from "old value" are among others contain "new value".

	Themis Version 1.9.19					Logged in: Galen Company: Tresc Rights: Admir Date: 6/12/2	al GmbH iistrator
	re : Test equipment > History						Help Contact Logo
Test	t equipment	t configuration	Configuration				
listory of	History to Use	r					
) <mark>numbe</mark> r	Inventory number Ser	ial number					
« 1 💌	/ 1 🐝 6 of 6	Searc	10				
number	Designation	Specification	Property	old value	new value	User	Date
094	Meßuhr mit Ziffernanzeige	25mm / 0,001mm	Serial number Cost Center Person responsible Store location Site of usage Onsite calibration	500 TEF Schrank 2 MP No	203-48586 400 QSG1 Schrank 1 LAW Yes	Beck, Galen	6/12/2014 9:13:37 PM

Also, a search function allows to restrict the contents of the list accordingly.



## 3. List Configuration

## 3.1 Filter

A filter that is used in this context is a data subset, arising as a result of a search using specific parameters over the entire dataset.

Themis	ThemisOnline Version 1.9.19.78			Logged in: Galen Be Company: Trescal Rights: Administr Date: 6/12/201	GmbH rator
u are here : List config	uration > Filter				Help Contact Logo
Test equipment	List configuration	-) (-•	onfiguration		
r					Actions
itzort WS 1	<ul> <li>Designation</li> </ul>	Einsatzort WS 1			
e schieber		visible only for	me		New
fällige			h inspection interval		Сору
	Column	Filter	F		- Copy
	D ID number	, mer			Edit
	Designation			~	
	Specification				Delete
	Description			~	
	Inventory number				last change
	Manufacturer			~	
	Serial number				
	Operation unit number	2		~	,
	Cost Center	-		~	
	Site of usage	WS 1		~	
	Store location	10.0			
	Person responsible	1		~	
	Test laboratory				
	Onsite calibration	Yes O No			
		Tes No			
	Remark				
	Addition 1	-		×	
	Addition 2	-		×	
	Addition 3	-		2	
	Addition 4			2	
	Addition 5			~	
	Addition 6			2	
	Testing decision			2	
	Use status	Due sta	itus		
	(none) in store	e calit	prated		
	defect not cal				
	disused not find	iable 🗌 🗌 non	e		
	eliminated ordere	and the second se			
	in action repair	ove	rdue		
	Due date		Calibration date	Insert date	
	don't filter		Ø don't filter	don't filter	
	© Date		© Date	© Date	
	O today +		© today +	© today +	
	act. month		O act. month	Oact.month	

The filter determines the scope of the data of the test list. The configuration of the filter is started via "List configuration"-> "Filter".

Filter can be signed as public so all other users of ThemisOnline can see, use and change it or are created only for the currently logged-on user (check box 'only for me visible").

Selecting (box set) the data fields these are included in the filter. The data search takes into account not only the input fields, but all selected fields (also empty). It is also looking for empty entries in the database. The search criteria with "and" linked, i.e. only the equipment are selected, for which these conditions apply at the same time. The use of wildcards is allowed in the input fields. The filter criteria "last calibration", and "next calibration" allow the test media data to search for their last or next calibrations within a certain period of time.

Examples of the search after due inspection equipment:



- All due inspection until a fixed date
   -Change of the date in the field "next calibration"-"date to"
- All due inspection today plus a period in days

   -An option checkbox
   -Enter of a number of days under "next calibration" and "today day ± [number]"; the input can be negative
- All due inspection from the current month plus or minus a number of months -An option checkbox

-Input of a number of months under "next calibration" and "±month"; the input can be negative -"from-1 to + 1" means from the 1st day of the last month to the last day of the next month -"from 0 to + 1" means from the 1st day of the current month until the last day of the next month

Wild Definition card ? stands for any single character \* stands for any character of any number (0) must be entered when an empty entry to be queried ~ l stands for "Not" and causes a logical negation of the following expression synonymous with "Or" and causes a logical or of two expressions L & stands for "And" and causes a logical and 2 expressions brackets wild cards or operators, according to which the search should be. The compound [] character is thus interpreted as text

Following wild cards are possible when entering the filter criteria:

Examples of the use of wildcards:

- When you specify of a filter condition is the string in the inspection label input box ' border \*'
  entered. The program finds all test equipment, the equipment name with the string ' Grenz'
  begins, E.g. '<u>limitplug gauge ','border</u>throat teaching '.
- When you specify of a filter condition is the string in the input field ID number '?-12 \*' entered. The program finds all test equipment, their identification number in the place 3 to 5 the string '-12' contains, E.g. 'AB-1234', 'Off 12XYZ' or ' 00-12'.
- When you specify of a filter condition is in the cost center field the string ' \* ABC \*' entered. The program finds all test equipment, whose costs make indication anywhere contains the string 'ABC', E.g. 'ABC1234', ' 12ABC34' or "1234ABC".
- When you specify of a filter condition is the string in the input box manufacturer 'ABC | DEF' entered. The program finds all test equipment whose manufacturer 'ABC' or 'DEF'.

## **3.2 List layouts**

List layouts determine the appearance and arrangement of columns in the test list. List layouts are the summary of columns and their widths under a name. No list layout is configured, the 3 columns



"Quoting", are displayed by default "Name" and "Specification" in the test list. The configuration of the list layouts is launched from "List configuration"-> "List layouts".

Trescal	ThemisOnline Version 1.9.19.78		Logged in: Galen Beck Company: Trescal GmbH Rights: Administrator Date: 6/12/2014
You are here : List configurati	ion > List Layouts		Help Contact Logo
Test equipment	List configuration	Configuration	
t Layouts			Actions
andard	Designation	Standard	New
ersicht Kalibrierdaten ersicht Stammdaten		visible only for me	ITEW
	Column	Width	Сору
	D number	80 px	
	Designation	100 px	Edit
	2 Specification	100 px	
	Manufacturer	70 px	Delete
	Use status	100 px	
	Testing decision	100 px	last change
	Calibration date	85 px	
	Due date	100 px	
	Inspection interval	60) px	
	Due status	100 px	
	Serial number	200 px	
	Cost Center	200 px	
	Operation unit number	200 px	
	Person responsible	200 px	
	Store location	200 px	
	Site of usage	200 px	
	Certificate no.	200 px	
	Insert date	200 px	
	Test laboratory	200 px	
	Remark	200 px	
	Inventory number	200 px	
	Calibration cost	200 px	
	Description	200 px	
	Onsite calibration	200 px	
	Addition 1	200 px	
	Addition 2	200 px	
	Addition 3	200 px	
	Addition 4	200 px	
	Addition 5	200 px	

Via the checkbox "only for me visible" it is defined whether the public list layout (each with appropriate user rights can edit the list layout and use) or employees (only the user can edit the list layout and use) depends on.

Selecting (box set) the data fields these are recorded as column in the list layout. The column width is specified in pixels. The order will display the columns in the check list may over the little arrows to be changed.

## 3.3 Sort Order

The sort order for the instrument list data are configured using "List configuration"-> "Sort Order".

esca Themis	ThemisOnline Version 1.9.19.78		Logged in: Galen Beck Company: Trescal GmbH Rights: Administrator Date: 6/12/2014	
e here : List configu Test equipment	uration > Sortings	Configuration		Help Contact Logout
s				Actions
tsdatum	<ul> <li>Designation</li> </ul>	Falligekeitsdatum		
1		visible only for me	C	New
	Column	Direction		Сору
	Due date	Ascending		
	D number	Ascending		Edit
	Designation	Ascending		Delete
	Specification	Ascending		Delete
	Serial number	Ascending		last change
	Manufacturer	Ascending		last change
	Cost Center	Ascending		
	Operation unit number	Ascending		
	Person responsible	Ascending		
	Store location	Ascending		
	Site of usage	Ascending		
	Use status	Ascending		
	Testing decision	Ascending   Ascending		
	Certificate no.	Ascending		
	Insert date	Ascending v		
	Inspection interval	Ascending		
	Test laboratory	Ascending		
	Remark	Ascending		
	Inventory number	Ascending		
	Due status	Ascending.		
	Callbration cost	Ascending		
	Description	Ascending 🐱		
	Onsite calibration	Ascending 🐱		
	Addition 1	Ascending 👻		
	Addition 2	Ascending v		
	Addition 2			
	Addition 3	Ascending		

Sort Order can be public or visible only to that user.

Selection (check mark use) data fields can be used in sorting record. Sorting the data in the test list is carried out field by field. The order of the sort can be changed in the edit mode using the arrow keys. In addition, the sort direction can be specified for each selected data field.

## 4. Configuration

## 4.1 Your own settings

#### List settings

The number of rows per page refers to the visible rows on a page in the test list. In addition, the total amount of the check list in line with the individual space allocation on the screen can be adjusted.

#### Change password

At this point, your password can be changed by entering the previous (old) and repeated entering of a new password.



## 4.2 Customer setting

The contact details of the customer are set in this part of the configuration. As contact is an established staff member an E-Mail address should be stored here.

In addition, a logo of the customer as an image file can be set up. This is displayed in the browser window in addition to the credentials and can be used on the printing masks.

The unit (days, weeks, months) for the maturity status is set here.

License information on the scope of use of ThemisOnline and supporting laboratories are also to see.

## 4.3 Unique identification of the test equipment

ThemisOnline store the equipment monitors the uniqueness of it. That is a piece of equipment should be available according to specific criteria such as for example identification number, name, and/or specification twice (inconclusive) in the database. The type of check can be configured in the system.

With the change of attitude of the uniqueness, the system performs a self-test of the DataSet with the new criteria of uniqueness. Should this a violation of the uniqueness of the piece of equipment is detected, the new setting may not apply. This check can be suppressed by setting "No".

The display is activated, "Deleted test equipment take into account" the uniqueness about the deleted stock is controlled.

#### Example:

Uniqueness is on identification number with deleted inventory It can be applied no test equipment, whose Identnummer is already in the system.

Uniqueness: ID number, name no deleted inventory

You can create no test equipment, whose combined identification number and name in the system already occurs. Which deleted marked equipment while does not. It is therefore possible to manage 2 test equipment with the same identification number and name of the deleted and active stock. When attempting the deleted stocks recover from the test equipment that fails, because already such a test does exist in the active inventory.

## **4.4 Test Equipment Field Settings**

Each test instrument field can be equipped with a different description, a so-called alias, which will be displayed instead of the standard terms in the software. It is possible, for example, that a customer rather than a "Part Number" for the piece of equipment maintains a "Department".

In the awarding of the aliases the purpose of the test instrument field should not be fundamentally distorted, however, as functionalities, such as for example the uniqueness test, are linked to some fields.



In addition, a monitoring to the test equipment field can be added. That has to be decided for a newly entered value, whether to store the value in the system. The function is to prevent spelling mistakes when collecting detailed information.

For some fields, "Required field" option can be activated allowing entries for these fields when editing the test information can be enforced. This setting does not have a retroactive effect on the database.

## 4.5 Staff

Each user of ThemisOnline must be known as employees in the system.

The rights for the use of the program functions are regulated by rights groups, which can be assigned to the respective employees.

Trescal	ThemisOnline Version 1.9.19.78		Logged in: Galen Beck Company: Trescal GmbH Rights: Administrator Date: 6/12/2014
You are here : Configuration >	Users		Help Contact Lo
Test equipment	List configuration	Configuration	
sers			Actions
eck, Galen	<ul> <li>User name</li> </ul>	BeckG	New
ernard, Dominique arion, Marine	First name	Galen	
upriez, Christophe leet, Alan	Last name	Beck	Edit
aninveld, Gerard	E-mail	gbeck@selabs.com	
Iontarou, Sebastien Iuster, Max	Phone		Delete
itevens, Adrian Vebb, Adam	Fax	Least and the first first first the list of	
rebb, Adam	Right group	Administrator	Change Passwor
	Filter for the visibility of	e account is disabled	last change
	Cost Center		
	Operation unit number		
	Person responsible store location		
	Site of usage	-	×
	Addition 1	·	
	Addition 2		
	Addition 3		*
	Addition 4	2 	
	Addition 5		×
	Addition 5	0 	× .
	Filter for editing the test	aquinment	
		e-Mulhureur.	
	Cost Center		× .
	Operation unit number		
	Person responsible		<u> </u>
	Store location	9 9	<u> </u>
	Site of usage		<u> </u>
	Addition 1		
	Addition 2		×
	Addition 3		<u> </u>
	Addition 4		<u>×</u>
	Addition 5	7	
	Addition 6		×

Every employee in the system via the button "change password" can change his password.

A filter for the amount of equipment available to him can be set up for each employee each. For example everyone should get only test of his cost center in the ThemisOnline offered, then is to select the appropriate cost center for everyone here. Also, when specifying such filter, wildcards can be used. Change this filter should be carried out a new application at ThemisOnline.



## 4.6 Rights groups

A rights group is assigned to each employee.

Amongst this group of rights summarizes user rights that determine what ThemisOnline functions for the staff are switched off.

Also can be set the visibility of a test equipment field and whether editing it is allowed or forbidden. Of course, the right to edit a test equipment field, requires visibility.



C C C C	ThemisOnline Version 1.9.19.78			Logged in: Galen Beck Company: Trescal GmbH Rights: Administrator Date: 6/12/2014	
e here : Configuration > I	Right Groups				Help Contact Log
Test equipment	List configuration	Configu	ration		
Groups					Actions
rator	Designation * Administrator				New
	Test equipment				
	Create test equipment				Сору
	Edit test equipment				Edit
	Select test media type     Edit documents				
	Mark test equipment as	s deleted			Delete
	Test equipment to perm				
	🔽 Do booking			las	st change
	delete CV entry				
	<ul> <li>History View</li> <li>Tracking status reset</li> </ul>				
	Test flank				
		<b>F</b> -214	The strengt		
	Visible	Edit	Free input		
		Designation	<ul> <li>✓ ID number</li> <li>✓ Designation</li> </ul>		
	and the second	Specification	Specification		
		Description	Specification     Description		
		Manufacturer	Manufacturer		
	Serial number	Serial number	Serial number		
	Inventory number	Inventory number	Inventory number		
		Cost Center	Cost Center		
	Operation unit number				
	Person responsible	Person responsible	Person responsible		
		Store location	Store location		
	100 March 100 Ma	Test laboratory	Test laboratory		
		Onsite calibration	Onsite calibration		
		Inspection interval	Inspection interval		
	Itxed calibration	I fixed calibration	Itixed calibration		
		Remark	Remark		
		Calibration cost	Calibration cost		
	and the second se	Addition 1	Addition 1		
	and the second se	Addition 2	Addition 2		
	Contraction of the second s	Addition 3	Addition 3		
		Addition 5	Addition 5		
		Addition 6	Addition 6		
	Calibration				
	generate calibration or	der			
	acquire calibrations				
	delete own calibration				
	delete calibrations of o	ther auditors			
	Configuration				
	edit customer data				
	<ul> <li>Edit users</li> <li>Edit right groups</li> </ul>				
	Edit operations				
	Edit Use Status				
	Edit test status				
	Edit Due status     Edit public list layouts				
	<ul> <li>Edit public list layouts</li> <li>Edit public filters</li> </ul>				
	Edit public sorts				
	change uniqueness of				
		ses, field monitoring, requir	ed field)		
	<ul> <li>Edit Identnummernform</li> <li>Edit auto-E mail</li> </ul>	late			
	<b>T</b>				

Rights groups can be newly created, copied, edited, and deleted. To edit is to click the appropriate button and to grant the appropriate user right by placing or removing a check mark or withdraw.

#### Note!

An invisible test equipment field is not visible in the detail data in the lists of active test equipment, deleted test equipment and selecting a single addition in the history and in the configuration of the list layout, the field settings, as well as the detail view. However, these fields remain visible in the sorts and filters. Only in the filter is the field displayed, but the content is replaced with an asterisk.



#### Caution!

A field which is obligatory, as invisible marked and at the same time is to edit is not available. Thus, the duty field setting is ignored for this rights group.

#### Example: An employee may edit only cost center and inventory number of the test equipment

- Press rights group of the employee and the "Edit button"
- "Cost center" and "Catalogue number" put a check mark and remove all other
- Secure rights group over button "Save"

#### Note!

Changes to a rights group affect the user rights of all employees that are assigned to this rights group.

#### 4.7 Detail view

The detail can be adapted to the needs of the customers in the extent and arrangement. Mandatory fields are always displayed.

To do this, the elements via the corresponding button be unlocked to edit. Then, data fields can be added or removed by placing or removing check of the detail view.

Change the order of the data fields within the view via the click of the little arrows right next to the box up or down.

#### **4.8 Operations**

The curriculum vitae of a test equipment in the ThemisOnline is essentially determined by its operations. Delete can be operations acquisition, calibration, scrapping, etc. The array of possible tasks can be very diverse.

In the ThemisOnline, it is therefore possible to define as many operations with different names and order status. The next status more or less represent the result of a process.

Multiple order status can be assigned to a process. Thus, it is to decide which operation should be thrown when an operation by the operator.

Each operation with at least a result status must appear in the curriculum vitae. Triggered operations are generally stored in the system, but need not to be displayed in the curriculum vitae.

5 standard operations with fixed program functionalities are configured in the ThemisOnline. This can be changed in the limited, but should their name not sense be disfigured.

#### The standard operations

#### Purchase

This process can be triggered always optional when creating a test equipment.

#### **Calibration order**



In case of a job posting for a lot of test equipment, a collection of the order items by E-Mail will be sent the selected calibration laboratory. Similarly, starts the tracking for the piece of equipment contained in the order and created a delivery note.

#### Calibration

The next status of a calibration depends in each case by the type of inspection findings. This result status is set according to the set here default values when entering a calibration. Regardless of other configured order status can be selected.

For example a piece of equipment can after successful calibration in production use come or are also deposited. The calibration is not successful however, the equipment will automatically be blocked and must be replaced.

	n > Operations						Help Contact Lo
Test equipment	List conf	iguration	Config	juration			
erations							 Actions
nschaffung uftragsstornierung alibrierauftrag	Designation *	Kalibrierung					New
alibrierung öschen	Follow-up statu						 Edit
rüfmittelausgabe		e without findings	useable	limited operati			
üfmittelrücknahme atusänderung	Standard	in action	✓ In action	v in action	defect	¥	last change
liederherstellen	defect				4		
	disused		[]]				
	eliminated						
	in action	$\checkmark$	$\checkmark$	$\swarrow$			
	in store						
	not calibrated						
	not findable						
	ordered						
	ordered						

#### Delete

The delete operation causes no change in status since the existing status of the test equipment should be maintained. The equipment will be shown after starting this process only in the deleted database.

#### Restore

With this process you can bring back a piece of equipment from the deleted in the check and cash equivalents. The status before deleting the test equipment is to the display.

#### 4.9 Usage status

Unlimited usage status can be defined in the ThemisOnline. Depending on the status data for last or next calibration can optionally be brought into the test list or detail data to view.

Themis	Version 1.9.19.78	Logged in: Galen Beck Company: Trescal GmbH Rights: Administrator Date: 6/12/2014
u are here : Configuratio Test equipment	n > Use status	Help Contact Logout
status ed hated loon ore allorated ndable re r	Designation * maction     maction     m in this state, the test equipment can get due     Colouration example     in action	Actions New Edit Delete
	Operations that may be triggered  Anschaffung  Auftragsstomierung  Kalibrierauftrag  Kalibrierung  Coschen  Prüfmittelausgabe  Prüfmittelausgabe  Statusänderung	Raik Krause 6/11/2014 11:13:18 AM

For example, the date of the next calibration can be hidden for locked-down piece of equipment.

Both the background and the font color of the usage status information can be adjusted.

You are here : Configura		Configuration	Help Contact Los
e status			Actions
efect isused	Designation * not calibrated		Save
liminated action	✓ in this state	the test equipment can get due	
store	Colouration example		Cancel
t calibrated t findable		not calibrated	
dered pair			last change Raik Krause
	Font color	Background color	6/11/2014 11:17:03 AM
	000000	FF0000	1
	Red	0 Red	
	Green	0 Gree	
	Blue	0 Blue Blue Blue Blue Blue Blue Blue Blue	
	Operations that may be trigger	ed	
	Anschaffung		
	✓ Kalibrierauftrag		
	Kalibrierung		
	Löschen		
	Prüfmittelausgabe		

**Tip:** If the status should displayed only by a color without text you can choose the font color similar to the background color.

Furthermore can be set with the operations which may be triggered for a piece of equipment with a specific status. For example, it can be prevented so that a locked piece of equipment in the production is posted.

By default, all operations for a usage status are initiated. Is a new operation is applied, it is possible for all States.

# Trescal

## 4.10 Inspection status

As a result of a calibration, a statement about the availability of test equipment can be made in addition. This statement is known as test status and added as a text of the calibration.

For this review status, you can store any text in the system. Each text must be associated with a type which in turn regulates the colour representation and granting of the order status.

The four types of test status can be "without result", "operational", "operational reasons", or "not operational".

A review status can also be marked as default. So this is preset when entering a calibration.

#### 4.11 Due date

The maturity describes attributive certain time intervals in relation to the next calibration date of test equipment.

Trescal	ThemisOnline Version 1.9.19.78	Logged in: Galen Beck Company: Trescal GmbH Rights: Administrator Date: 6/12/2014	
You are here : Configuration	▶ Due status		Help Contact Logout
Test equipment	List configuration Configuration		
Due status calorated due none not control overdue	Designation * calibrated     Status is set as a result of a due date calculation     This status is set if the difference between next calibration date and current date is greater than or equals     * Month (s). Colouration example     calibrated	R	Actions New Edit Delete Mit change alk Krause M1/2014 11:18:50 AM

#### Example:

- is configured with 2 months the maturity "calibrated" and "is used as a result of a due date calculation"
- There is no maturity with greater interval
- a piece of equipment has been calibrated on August 15, 2009 and has a check interval of 1 year
- today is May 3, 2010

According to the last calibration date and test period, this equipment would have to on August 15, 2010 for the calibration. The difference between today (in the example: 03.05.2010) and the next



calibration date is for 3 months and 12 days. This is bigger than 2 months and there is no more maturity with a greater period of time. As a result, the due date appears calibrated.

In the graphical representation, which would look like this (case 1 above described example):

Case	Due date calibrate d	Differenc e 2 months	Timeline			
1			last calibration date	today • May 03, 2010	next calibration date	
2	due soon	1 month	last calibration date	JUN <sup>2</sup>	next calibration date today	
3	due	0 months	last calibration date		next calibration date today	
4	overdue	< 0 months	last calibration date	next calibi	Tation date today	

## 4.12 Due date dependencies

epending on the presence of a calibration, a inspection period or a fixed next calibration date, or that the usage status of test equipment has a due as result, in certain due status can be set.									
olid next alibration late available	Calibration available	Inspection interval available	Use statuses has according to due date	Due status		last change			
0	0	0	0	not control	*	10			
0	0	0	•	not control	*				
0	0	•	0	none	*				
0	0	•	•	overdue	*				
0	•	0	0	not control	*				
0	•	0	•	not control	*				
0	•	•	0	none	*				
0	•	•		overdue	*				
•	()		0	none	*				
•	(A)	3	•	overdue	× *				

The maturities are used in dependency of four criteria (first three columns in the table). These maturities can be configured in the table and occur as a result of the interplay of the three criteria.



The status in the table which are marked with red asterisk; in the example both "overdue") are used when no maturity can be determined from the status established for the calculation of the due date (see due date). Only in this case, a due date calculation is performed. This corresponds to the case 4 in the help of the maturities.

In the table "empty circle" no mean a "solid circle", Yes and the criteria marked with a hyphen are subject to any dependency.

## 5. FAQ

How do I create a new piece of equipment?

The creation of a test equipment record happens via the button "New", which is available **only in the detail view** of a piece of equipment. The detail view is either with a double click on an existing piece of equipment in the list or menu test equipment-> detail data accessible.

Where are my test equipment? I can't find all my test equipment?

Ensure that you are in the active inventory and change the current filter on < all test equipment >. All test equipment in the list (possibly on several pages) are displayed.

How can I find a piece of equipment on the basis of the identification number?

Change the current filter in the active inventory on < all test equipment >. When select now search "Identification number" and enter the desired number in the search box. Then press the "Search" button.

You can enter also wildcards in the search field.

#### How can I create a call list?

To get a list of retrieval, you will need a suitable filter. Create a filter and set it according to your retrieval requirements. These can be for example:

• Due status = due, overdue

This filter provides all equipment with the due State due and overdue according the configuration. Apply this filter to the check list of the active inventory.

How can I show more details of test equipment in the list?

Configure a list layout with all desired list columns.

Why not test equipment appear on the tracking?

Brings equipment into the tracking must either for this piece of equipment a booked order be or the test equipment of the Trescal branch be included in inspection orders.

#### How can I remove equipment from the tracking?



If you have the user right 'Reset Tracking state', you can remove equipment from the tracking list. This function is only possible if the tracking state was not set by Trescal. Tracking state used by Trescal can be removed only by Trescal. Please contact your Trescal branch.

#### How do I change the layout of the print edition?

The printing works via print templates, which are provided by the IT Trescal. By default you have one print template. To change existing print templates or create new ones, please contact your Trescal branch.

#### Where is the E-Mail when you create a job?

This is the E-Mail address of the contact person of each selected test laboratories sent. The email address is stored in the employee data. The calibration laboratories are shown in the configuration under client setting and can be selected during order generation.

#### How do I change my password?

Your password can be changed via the configuration and custom settings.