XPS CRYSTAL TOUCH 18.0

USER MANUAL



21.06.2018



© Copyright 2018

Esko-Graphics Imaging GmbH, 25524 Itzehoe, Germany

All rights reserved. This document and all information and instructions contained within are the property of Esko-Graphics. These documents contain the product descriptions according to their current state at the time of publication, but no responsibility whatsoever is taken for the correctness of this information. No guarantees are granted or expanded upon by this document. Furthermore, Esko-Graphics does not guarantee the illustrations relating to the usage of the products, or for the results from using the software or the use of the information contained herein. Esko-Graphics is not responsible for direct or indirect damages caused by the logical consequences or latent damages which may result from the use of the software, or from the impossibility of software use or of the information contained herein.

The technical data contained herein and the content of this manual are subject to change without prior notification. Revisions which point out such changes and/or supplements may be issued from time to time.

Without express written consent, no part of this document may be reproduced, transferred, electronically stored or published, irrespective of the reasons and irrespective of the method or means used, i.e. electronic, mechanical, by printing, microfilm, etc.

These documents replace all previous versions.

Grapholas® is a registered trademark of Esko-Graphics Imaging GmbH.

Cyrel®, Cyrel® Digital Imaging System and Cyrel® Digital Imager (CDI) are registered trademarks of DuPont.

Microsoft and the Microsoft Logo are registered trademarks of Microsoft Corporation in the USA and other countries.

Esko-Graphics software may include the "RSA Data Security, Inc. MD5 Message-Digest Algorithm".

JDF and the JDF Logo are trademarks of the CIP4-Organisation. Copyright 2001 The International Cooperation for the Integration of Processes in Prepress, Press and Postpress (CIP4). All rights reserved.

Java and all Java-based trademarks and logos are trademarks or registered trademarks of Sun Microsystems in the U.S. and/or other countries.

Some parts of this software use technologies of JGoodies, Barbecue (Copyright 2003, International Barcode Consortium), and Jakarta (licensed by Apache: www.apache.org/licenses/LICENSE-2.0.txt).

All other product names are trademarks or registered trademarks of their respective owners.

TABLE OF CONTENTS

1		Operation of the XPS Crystal Touch Software	4
	1.1	Start UV exposure	4
	1.2	Stop UV exposure	5
	1.3	Add new plate types	6
	1.4	Delete plate type	7
	1.5	Change desired relief	8
	1.6	Update plate list database	9
	1.7	Check back exposure "Check Floor"	12
	1.8	Shut down XPS Crystal	15
2		Changing the basic settings	16
	2.1	Change language	16
	2.2	Show time	17
	2.3	Set date and time	18
	2.4	Switch units (inch/mm)	20
3		Support	21
	3.1	Call Teamviewer for support	21

1 Operation of the XPS Crystal Touch Software

This software is designed for a touch-sensitive screen.

1.1 Start UV exposure

UV Exposer	Status	Options	ESKO↔
	Pla	tes	Load a plate on the UV Exposer, select the
$\langle 1 \rangle$	ACE 0.76 (030) Flint	17 min	corresponding plate type and click Start.
2	ACE 1.70 (067) Flint	18 min	
	DPR 1.14 (045) DuPont	24 min	2
	ESX 1.14 (045) DuPont	9 min	
	Rave 1.14 (045) MacDermid	16 min	

- 1 Select plate
- 2 Press the start button exposure starts immediately
- 3 The remaining time is shown in the progress display





The end of the exposure is shown. The removal of the plate from the XPS Crystal must be confirmed (4).

1.2 Stop UV exposure

Exposure can be stopped at any time:



In this case, the plate is not exposed to UV fully and evenly!

1.3 Add new plate types

1 2 Switch to the options menu

Select "Manage Plates"



3 Select the "Add" field

UV Exposer Sta	atus Options		ESK00
Mana	age Plates		
ACE 0.76 (030)		Thickness:	
Flint			
ACE 1.70 (067) Flint	< 3	Relief	
DPR 1.14 (045) DuPont		Remove 0.0mm	
ESX 1.14 (045) DuPont			
Rave 1.14 (045) MacDermid		Update Plateirat	

- 4 Select the plate manufacturer
- 5 Select the plate type
- 6 In long lists, the fields can be scrolled upwards and downwards
- 7 "OK" adds the plate to the active plate list

UV Exposer	Status	Options		ESK0 <mark>0</mark>
Add	a New Plate BRANDS DuPont: Flint MacDermid	Plat DPR 1.14 (045) DPR 1.70 (067) ESX 1.14 (045)	tes	Select a plate and tap OK.

1.4 Delete plate type

- 1 Select in the options menu
- 2 Select "Manage Plates"



- 3 Select the plate type
- 4 Delete the plate type with "Remove"

UV Exposer	Status	Options		ESKO&
UV Exposer	Status Manage Plates 0.76 (030) 1.70 (067) 1.70 (067) 1.14 (045) ont 1.14 (045) ont	Options	Add Thickness: 1.14mm Relief 0.53mm ate Platetist A relief value 0.55mm is po	ESKO *

1.5 Change desired relief

- 1 Select in the options menu
- 2 Select "Manage Plates"



- 3 Select the plate type
- 4 Change the value to the select relief in the "Relief" field



1.6 Update plate list database

Copy the plate database file to the main folder on a USB stick.

- 1 Select in the options menu
- 2 Select "Manage Plates"



3 Select "Update Platelist"

UV Exposer	Status	Options			ESK0 😣
	Manage Plates				
ACE 0. Flint	76 (030)		Add	0.0mm	
ACE 1. Flint	70 (067)			Relief	
DPR 1. DuPont	14 (045)		Remove	0.0mm	
ESX 1. DuPont	14 (045)				
Rave 1 MacDe	.14 (045) mid	3	odate Platelist		
		\mathcal{T}			

4 Follow the instructions and then insert the USB stick

UV Exposer	Status	Options		ESKO⊗
C Upd	late Platelist			
No 4	w please insert an l	JSB stick with the u	ıpdate file.	

- 5 When a valid file is found, the currently installed and new version are displayed
- 6 The database is updated with "OK"



In the info window the new installed plates are displayed – press "OK" to continue
Press "OK" to close the import procedure

UV Exposer	Status	Options	ESKO⊛
< Upo	date Platelist		
Uţ sti	pdate of default plate ick now!	e list was successful no The new settings will be used the Release 3 fint rate 1 4. duport esc Coc	Please remove the USB

1.7 Check back exposure "Check Floor"

- 1 Select in the options menu
- 2 Select "Check Floor Height"

UV Exposer Sta	atus Options		ESK0 😣
ABOUT YOUR UV EXPOS	ER	1	
V16.1.0-191 / Kernel Ve	rsion 16.1 build 3841 Rev	. 14332M	
Version of Plate Databas	e: 7.0		
System Uptime: 0 days,	UV Uptime: 0 days		
1P=10.31.155.57			Switch OFF
	\wedge	1	Switch of t
		2 >	
Manage Plates	Check Floor	Preferences	
Service	Support	System Backup	
Service	Support	System Backup	

3 Select plate

4 Tap "Expose Test Plate"

UV Exposer	Status	Options	ESKD 🕸
Check F	loor Thickness	1	<u>\</u>
Plate Name	Brand	3 Last Check	Expose Test Plate
ACE 0.76 (030)	Flint	Do 08.06.2017	
ACE 1.70 (067)	Flint		
DPR 1.14 (045)	DuPont	• Mi 07.06.2017	Measure Test Plate
ESX 1.14 (045)	DuPont		
Rave 1.14 (045)	MacDermid		You need a plate with a
			minimal length of 1000.0 mm

- 5 As outlined on the screen, a part of the black layer of the Flexo Plate is removed.
- 6 "UV Back Energy": the energy of the back exposure can be changed here, if necessary
- 7 Tap "Expose Test Plate" the plate is exposed



- 8 Once the plate has been developed, select again
- 9 Start "Measure Test Plate"



- 10 Measure the plate thickness in the position in which the layer of the Flexo Plate was previously removed.
- 11 Enter the measured value
- 12 Confirm the value with "Enter"
- 13 Measure the "Floor" thickness, tap the corresponding number and enter the values



14 The values are saved with "Finish"



1.8 Shut down XPS Crystal

- 1 Select in the options menu
- 2 The system is shut down with "Switch OFF"

UV Exposer State	us Options	~	ESK08
ABOUT YOUR UV EXPOSE	R		
V16.1.0-191 / Kernel Vers	sion 16.1 build 3841 Rev.	14332M	
Version of Plate Database	: 7.0		
System Uptime: 0 days, U	JV Uptime: 0 days		
17=10.51.155.57		2	Switch OFF
		\mathcal{V}	
Manage Plates	Check Floor	Preferences	
Service	Support	System Backup	

Shutting down may take some time. Press the main switch only after the operating system has shut down completely.

2 Changing the basic settings

Basic settings such as language, units and time are changed under "Preferences". These settings usually only need to be implemented once after commissioning.

2.1 Change language

- 1 Select in the options menu
- 2 Select "Preferences"

UV Exposer	Status	Options	1		ESK0 8
ABOUT YOUR I	JV EXPOSER		1		
V16.1.0-191 / Version of Plate System Uptime IP=10.31.155.	Kernel Version 16. e Database: 7.0 e: 0 days, UV Uptir 57	1 build 3841 Rev. ne: 0 days	14332M	Switch OFF	
Manage Pla	ates C	Check Floor	Preferences	2	
Service		Support	System Backup		

3 Select language – the change will become active following a restart

UV Expo	ser	Status	Options		15:36	€ЅКО⊗
0	Preferences			4		
	General					
	Language:		English v	< 3 <		
	Units:		mm v			
	Date and Time:	06/12/18 1	5:36 PM Set Clock			
		Show	/ time in info bar			

2.2 Show time

1 Select in the options menu

2 Select "Preferences"

UV Exposer	Status	Options	~	ESK0 😣		
ABOUT YOUR U	JV EXPOSER		1			
V16.1.0-191 / Version of Plate System Uptime IP=10.31.155.	V16.1.0-191 / Kernel Version 16.1 build 3841 Rev. 14332M Version of Plate Database: 7.0 System Uptime: 0 days, UV Uptime: 0 days IP=10.31.155.57					
Manage Pla	ites Cl	neck Floor	Preferences	2		
Service		Support	System Backup			

3 Activate "Show Clock"

UV Expo	ser Sta	tus Options		15:36	ESKO
0	Preferences				
	General				
	Language:	English	~		
	Units:	mm	~		
	Date and Time:	06/12/18 15:36 PM Set	Clock		
	3				

4 Following a restart of the XPS, the time is shown at the top right

2.3 Set date and time

1 Select in the options menu

2 Select "Preferences"

UV Exposer	Status	Options	~	ESK0 😵		
ABOUT YOUR I	JV EXPOSER					
V16.1.0-191 / Version of Plat System Uptime IP=10.31.155.	V16.1.0-191 / Kernel Version 16.1 build 3841 Rev. 14332M Version of Plate Database: 7.0 System Uptime: 0 days, UV Uptime: 0 days IP=10.31.155.57					
Manage Pla	ates Cl	neck Floor	Preferences	2		
Service		Support	System Backup			

3 Select "Set Clock"

UV Expo	oser	Status	Options		15:36	ESK0 0
3	Preferences					
	General					
	Language:		English	*		
	Units:		mm	· /		
	Date and Time:	06/12/18 15	5:36 PM Set Cl	x 3		
		Show	r time in info bar			

- 4 The values are changed with the arrows to the right of the number
- 5 "24 Hours" switches between 12 hour and 24 hour display
- 6 Set the date
- 7 Set the time



8 The values are accepted and changed in the operating system with "Save"

2.4 Switch units (inch/mm)

1 Select in the options menu

2 Select "Preferences"

UV Exposer	Status	Options	1	ESK0 😵
ABOUT YOUR L	JV EXPOSER		1	
V16.1.0-191 / Version of Plate System Uptime IP=10.31.155.	Kernel Version 16.1 e Database: 7.0 e: 0 days, UV Uptim 57	build 3841 Rev.	14332M	Switch OFF
Manage Pla	ites Cl	neck Floor	Preferences	2
Service		Support	System Backup	

3 Select unit and press "OK"

UV Expo	oser	Status	Options			15:36	ESK00
0	Preferences						
	General						
	Language:		English	· /			
	Units:		mm	~ 3	$\langle \rangle$		
	Date and Time:	06/12/18 15	:36 PM Set C	lock			
		Show	time in info bar				

3 Support

Contact information can be found on www.esko.com.

3.1 Call Teamviewer for support

- 1 Select in the options menu
- 2 Teamviewer is started with "Support" Start-up may take some time.

