

ColorQuick Pro Manual

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ColorQuick Pro

ColorQuick Pro is a Windows based colour retrieval program. It provides fast access to all the colour data you are likely to need.

When installing ColorQuick Pro on a PC, the following features are installed:

- multiple search paths to the formula that will match best the colour you search,
- find the formula for ancillary products (primers, clears...) according to the TDS specifications,
- create and maintain a database with your personal formulae,
- view formulae in any volume or weight and make a print out on paper or label,
- electronic communication between PC and scale,
- formulae can be recalculated in case of over pour.

Some features can be additionally installed via the password "INSTALL OPTIONS":

- search via ChromaVision® spectrophotometer,
- label printer,
- connection to an EcoMix terminal in connection with a scale (incl. user management),
- price manager (incl. user management).

The database and software is updated to keep you informed with up to the minute Vehicle Refinish Industry colour information changes and developments.

Before installing the program, please check if the minimum system requirements are fulfilled.

For the connection of 1 Scale, Label Printer, ChromaVision®

Hardware requirements

Minimum Hardware	Recommended Hardware
Pentium 200 MHZ	Pentium IV 3.0 GHz
32 MB RAM	512 MB RAM
1,2 GB Hard Disk	20 GB Hard Disk
CD ROM Reader	DVD Reader
1 COM port	1 COM port
USB ports	USB ports
1 parallel port for report printer	1 parallel port for report printer
Minimum Operating System	Recommended Operating System
Windows 98 SE	Windows XP Pro SP2

Note: total number of COM ports & USB ports should allow:

1 Scale, 1 Label Printer, 1 ChromaVision®

(+ other hardware from the PC that require USB or COM ports)

For the connection of 1 or 2 EcoMix instruments

Minimum Hardware	Recommended Hardware
Pentium IV 3.0 GHz	Pentium IV 3.0 GHz
512 MB RAM	1 GB RAM
20 GB Hard Disk	20 GB Hard Disk
DVD Reader	DVD Reader
1 COM port	1 COM port
USB ports	USB ports
1 parallel port for report printer	1 parallel port for report printer
Recommended Operating System	Recommended Operating System
Windows XP Pro SP2	Windows XP Pro SP2

Note: total number of COM ports & USB ports should allow: 1 or 2 EcoMixes, 1 Label Printer, 1 ChromaVision® (+ other hardware from the PC that require USB or COM ports)

Checking the free hard disc space

for Windows 98 / 2000 / XP (INFO: millenium edition is not supported). Doubleclick on "My Computer" -> right click on the C-drive icon -> left click on "properties" -> free space is listed.

1. Installation of ColorQuick Pro

Close all Windows applications and insert CD-ROM. Autorun will start; select "Install ColorQuick Pro" for a new installation OR "Update ColorQuick Pro" for an update of the software.

DuPont ColorQuick Pro		
www.dupontrefinish.com Install ColorQuick Pro Install DocViewer	DuPont ColorQuick Pro	
Help Exit	Update ColorQuick Pro Launch DocViewer Help Exit	

1.1. Installation of the colour retrieval program

- Click "Install/Update ColorQuick Pro" to start the setup.
- Choose the installation language, click "Next".

• Agree to the license agreement, click "Accept". Follow the instructions.

Welcome	
Please select the installation's language	
English	Software license agreement
hrvatski dansk	English
English ogran	WARNING READ CAREFULLY BEFORE CONTINUING!
bof trançais cl Deutsch Magyar Click Next to continue with the installation.	E. I. du Pont de Nemours and Company Paint Formula End-User Non-Exclusive License & Confidentiality Agreement
	DISTRBUTION OR UNAUTHORIZED DISCLOSURE STRICTLY PROHIBITED
	ColorQuick PRO
Next > X Cance	
	< Back Accept > 🗶 Cancel

In the Setup screen you have the choice between "Typical" and "Advanced". If you select "Typical", these items will be installed:

Setup type	Click the type of Setup you prefer, then click the Next button.
and the second	Typical Advanced
ColorQuick PRO	Program will be installed with the most common options.
	< Back Next > Cancel

Installation takes a few minutes.

Sector Se

Search Scale

ColorQuick Pro that is placed on your desktop.

Launch the program by double clicking the ColorQuick Pro – Icon

1.2. Installation of the colour retrieval program plus some additional options

ChromaVision®, label printer, price management, EcoMix

- 1.1. Installation of the colour retrieval program (above).
- In the Setup Type screen select the "Advanced" tab
- You will be prompted for a password.
- Type "INSTALLOPTIONS".

Depending on the needs of the customer, the following items can be selected for installation:

ChromaVisionLabel Printer

- Price Management
- EcoMix

Setup type	Select components to install
Click the type of Setup you prefer, then click the Next button. Typical Advanced You may choose the options you want to install. Recommended for advanced users. Enter password	Select the components you want to install, clear the components you do not want to install.
0706251036	Description ChromaVision
	ColorQuick PRO Space Required: Space Available: C 412,5 MB 12,414,4 MB
< Back Next > Cancel	< Back Next > Cancel

NOTE: When installing EcoMix terminal and/or price management, user management is automatically installed.

1.3. Installation of DocViewer

To view the Technical Data Sheets or Colour Pages, use the program "DocViewer".

- Press "Install Doc Viewer" on the autorun startpage.
- Follow the instructions.



2. Configuration Menu [F9]

Open ColorQuick Pro by double clicking the icon on your screen.

- Choose your language from the list (top left).
- Select the tab "Configuration Menu" or press the F9 function key.

NOTE 1: The first time you launch ColorQuick Pro, the buttons for these additional features are greyed out, you cannot use them immediately. You first need to configure the connection via the configuration settings. So after installation first go to the Configuration Menu.





2.1. General [F5]

2.1.1. Company info and layout

Your company name and address will be displayed on the main screen and is also printed on formula print outs. By shifting the "blending level" arrow the brightness of the display is influenced (watch the upper left corner of your screen).

2.1.2. Volume Suggestion

Activate the volume suggestion function to make it pop up any time you enter a formula screen. It gives you a hint on the required amount of paint necessary for a certain

car part.

If this checkbox is empty the volume suggestion does not pop up but can be asked in the formula screen by pressing the button there.

2.1.3. Warning Level

- Define the warning level (scroll down to see the entire paragraph).
- Some search inquiries result in so many datasets that it may take a very long time before the full list is displayed.
- On a recent, powerful PC this is an acceptable waiting time so you might select "Never". On older PC's if you prefer to get a warning (so that you first can try another search path), then select "High".

2.2. Modules [F6]

Configure the connections and options for the devices connected to your PC (scale/EcoMix, label printer and ChromaVision®).

2.2.1. Scale configuration

ColorQuick Pro CD2007-3 RC2 (software version 3.0, build 74 - (c)1999-2007 DuPont de Nemours)	_ 8 ×
Ul's Word of Paint Color Road Redtoxn	DuPont ColorQuick Pro
English 💽	
Search Menu (F2) (Maintenance Menu (F3) Configuration Menu (F9) System Info	
General [F5] Modules (F6) Qualities (F7]	
Scale configuration	ChromaVision Configuration
Save configuration changes	Quit Color Quick

2.2.1.1. Scale Communication Test

- Choose a scale from the list,
- Define the COM port,
- Connect your scale to the computer,
- Perform the communication test.

In case it is not successful check the cables and the connections and try again. If it still doesn't work, remove the power connector plug from the net and put it back in.

When the test is successful, click "Ok".

Scale Setup	Information ×
Scale type :	Test was successful. Maximum scale load
Sartorius PMA.Quality (7501)	7507.0 g
Com port :	Minimum scale load 0.0 g Gauge stepwidth 0.0 g
=>Communication test	Display stepwidth
Allow Manual Weighing	Max I are weight 7507.0 g Model PMA7501-Y Serial Number
Options	0019407980
Sound when weight in tolerance	
Skip display of mbx	ОК
	Dancel

2.2.1.1.1. Allow Manual Weighing

In case the software is installed on a PC that is connected to a scale without display head you may need the PC screen as display of the weight on the scale.

When this checkbox is clicked an extra button "Manual Weighing" will appear on the Search Menu screen. This extra button allows to display the weight on the scale via the PC screen.

ColorQuick Pro	CD2007-3 RC2 (software version 3.0, build 74	- (c)1999-2007 DuPont de Nemours)	- 8 ×
			DuPont ColorQuick Pro
			DuPont Refinish
English			
(Search Men	u (F2) (Maintenance Menu (F3) (Configuration	Menu (F9) System Info	
	Full Search	Ancillary product	Manual Weigning
	Via Manufacturer	Chroma¥ision	
)		Manual weighing
	Via Mode <u>i</u>		
· · · ·			
			00
			UU 9
			Info Reset

2.2.1.2. Scale Options

2.2.1.2.1. Sound when weight in tolerance

When reaching the required amount of paint you hear a beep (if the PC speaker is enabled).

2.2.1.2.2. Skip display of mix

If this box is checked only the amounts to be weighed are displayed on the scale, but not the mix-/product names. If this box is not checked the display of the scale will alternatively display "mix/product name / weight / name / weight...

10/46

2.2.2. EcoMix configuration

If you installed EcoMix during setup of the program, the EcoMix configuration icon will be displayed. The user management is installed automatically with the EcoMix.

discrive is a sint children Riettown	DuPent ColorQuick Pro
Code 2	Ecomix configuration
(Sourch Mercy F.2) Mandamarca Mercy F.2 (Configuration Mercy F.9) (System into	
General (r) Guardes (r)	Ecomix task 1 None
sale confundos 🔪 🏄 Late confundos	None
See unante Feedbir	
	Ecomix task 2 COM2 COM3
	COM4
	Ecomit task 3 COM6
	COM7 VICTOR
	Ecomix task 4 None
	💽 Manual weighing
Taxa configuration changes	🗹 Allow free manual weighing
	Cancel OK)

You can connect up to four EcoMix terminals.

Select the correct COM port for each EcoMix terminal connection, click "Ok".

"Manual Weighing" here means that on the EcoMix side a list of products is displayed of which one can be chosen and sent to scale, the amount is free, though.

Checking "Manual Weighing" together with "Allow free manual weighing" will give you the possibility to use the scale connected to the EcoMix terminal completely independently.

2.2.3. Label Printer configuration

- Install the driver of the label printer on your computer as a Windows driver. The label printer should be listed with the other printers.
- When opening the "label printer" icon in the configuration menu of ColorQuick Pro all printers (printers and label printers) that are installed on your computer are listed.
- Select your label printer,
- Select the label format from the second list.

LabelPrinter c	onfiguration	×
Printer :	\\pc7713\Epson LX-300+	
Paper :	Letter	V
	Save & Exit	Cancel

NOTE: For a DIN A4 print of a formula, you only need to install the driver of a printer on your PC. No further configuration is needed in the ColorQuick Pro configuration menu. For the label printer you need to install the driver of the label printer on your PC AND you need to configure the communication in the configuration menu of ColorQuick Pro.

2.2.4. ChromaVision® configuration

2.2.4.1. Accessories

Check if you have got all pieces necessary to operate the spectrophotometer.

2.2.4.1.1. Byk - device

- a) ChromaVision® device Byk(spectrophotometer)
- b) Battery compartment
- c) 4 AA-batteries
- d) White standard
- e) Light trap with red lid
- f) Base station
- g) Connecting cables
- h) Manual
- i) Adapter: USB to serial
- j) Greentile

Insert 4 AA batteries into the battery compartment. Make sure to line up the batteries correctly (+ with +, - with -).

2.2.4.1.2. X-Rite-device

- a) ChromaVision® device X Rite (spectrophotometer)
- b) Storage battery compartment
- c) Storage batteries
- d) Mains adapter / battery charger
- e) White standard
- f) Light trap with red lid
- g) Connecting cables
- h) Manual
- i) Adapter*: USB to serial
- j) Green tile

The accumulators stay in the instrument, they are recharged when the instrument runs on main connection.





2.2.4.2. Calibration

Before using the device calibrate it by reading the white and the black standard. Calibrate daily with the white and black standards. Never clean the standards with detergent. Solvents are also not acceptable. Pure water and a

*Set up of the USB-to-serial-adapter

In case no free serial port is available you may use the USB-adapter to provide a connection for the spectrophotometer. The driver is on the ColorQuick Pro – CD, follow the instructions.

The driver chooses the COM-port automatically. To find out which one it is see 5.1.1.4. Trace back the COM port number of a COM/USB port in use, p. 38f

lint free cloth are the best. Calibrate in the same environment and conditions of temperature and humidity in which you will measure, re-calibrate if conditions change during the day.

2.2.4.2.1. Calibration Byk - device

- Press the "operate"-button to switch on the device.
- The ChromaVision® logo will be displayed, afterwards a menu.
- Scroll in the menu with the selection wheel.
- Select "Calibrate" by pressing button on the side of the device.
- Follow the instructions, confirm every action by pressing the "operate"-button.
- Remove the protective cap from the instrument before measuring, make sure that the instrument is placed correctly on the standards (align red arrows, instrument fits in the indentations of the standards).
 Press the "operate"-button to do the measurements.
- After the process is completed the device returns to its main menu.

2.2.4.2.2. Calibration X-Rite - device

- Switch on the device on by pressing any-button on the narrow side.
- Remove the protection cap from the device.
- Press the "cal"-key to enter the calibration function.
- Follow the instructions in the display of the device.

2.2.4.3. Installation of the spectrophotometer module

The spectro – module can be installed additionally to the base program., see. 1.2. Installation of the colour retrieval program plus some additional options, p. 6.

After this installation an additional button "ChromaVision®" will become visible on the main search screen. This button is however greyed out. You need to perform a communication test first (s. below) before this button will become active.

2.2.4.4. ChromaVision® – communication and settings



Choose the COM-port (com1-com9) from the list.

Start the communication test (click "Test communication and settings").

If the communication test is successful the program recognises your instrument (serial number) and gives some information on the settings.

2.2.4.4.1. Show list of best matches

Search result screen, if "Show list of best matches "only is activated:

ChromaVision Configuration						×						
	De											
Comport: COM6	Best match	I Test Comi	municat	tion and	d Settings					Formu	ıla preview	
	Time	Stock Code	Alternal		Quality	Coat	Lead	Value	0	Mix	Tint name	Mass
	OFFICIAL	Diote Code	241011101	10	FOR	C C C C C C C C C C C C C C C C C C C	Load	0.00		AM1	WHITE H.S.	242.1
	OFFICIAL	32442	U		5035	N	NO	0,86		AM43	BRIGHT YELLOW	21.0
	OFFICIAL	J2442	0		1700	N	NO	0,88		AM46	YELLOW ORANGE	12.0
									_	AM96	REDDISH BLUE	7.1
Show small status icons	OFFICIAL	J2442	U		501	N	NO	0,88		71/135	C5035 BINDER	690.2
Show list of best matches	OFFICIAL	J2442	0		IMRONEL	N	NO	0,89		ZK335	C 5035 ADDITIVE	108.2
	OFFICIAL	J2442	0		500	N	NO	0,89				
	OFFICIAL	61789	0		ST	N	NO	2,13				
	OFFICIAL	F7238	0		5035	N	NO	2,58				
	OFFICIAL	F7238	0		500	N	NO	2,69				
	OFFICIAL	63233	0		500	N	NO	3,10				
		63933	0		17035	м	NO	3 40				
	Color detai	1							Ţ			
	Manufacturer			Colour C	Code	Colo	ur Name					
	DUPONT ST.	ANDARD COLOURS		SPECTR	ROSYSTEM	GRE	EN TILE TES	T PLAQUE		00-		0
	FLEET MISC	ELLANEOUS		SPECTR	ROSYSTEM	GRE	EN TILE TES'	T PLAQUE		Legen	h	
											Good match Shadable Shadable with caution	
	Curve							C	Print		Abort	Next

If "Show list of best matches" is not activated, only the first best matching formula will be displayed.

2.2.4.4.2. Show small status icons

Search result screen when both options are activated:

Communication test cancelled. Communication test successful Serial: 100283	!											
	Best matches									Form	ıla preview	
	Match level	Туре	Stock Code	Alternate	Quality	Coat	Lead	Value	9	Mix	Tint name	Mass
Comport: COM1									- 1	AM1	WHITE H.S.	243
		OFFICIAL	J2442		5035		NO	0,86		AM43	BRIGHT YELLOW	21
		OFFICIAL	J2442	0	1700	N	NO	0,88		AM46	REDDISH BULE	7.1
									- 11	AM5	JET BLACK	1.4
		OFFICIAL	J2442	0	501	N	NO	0,88	- 11	ZK135	C5035 BINDER	690
		OFFICIAL	J2442	0	IMRONEL	N	NO	0,89		ZK335	C 5035 ADDITIVE	108
		OFFICIAL	J2442	0	500	N	NO	0,89				
Show small status icons		OFFICIAL	61789	0	ST	N	NO	2,13				
Show list of best matches		OFFICIAL	F7238	0	5035	N	NO	2,58				
		OFFICIAL	F7238	0	500	N	NO	2,69				
		OFFICIAL	03233	0	500	N	NO	3,10				
		OFFICIAL	03233	0	17035	N	NO	3,10				
	Color detail								Ţ			
	Manufacturer			Colour Code		Colour N	ame					
	DUPONT STAN	DARD COLOUF	RS	SPECTROSYSTE	м	GREENT	NLE TEST PL	AQUE				
	FLEET MISCEL	LANEOUS		SPECTROSYSTE	м	GREEN	NLE TEST PL	AQUE		Leger	ıd	

Communication test + Extra settings

Screen after successfully performed communication test:

X-Rite:

In this screen you can see which device is connected with which serial number.

It is also possible to set the correct date and time.



In this screen you can see which device is connected with which serial number.

It is also possible to set the correct date and time.

On the Byk device it is also possible to

- Change the lanuage of the device (s. 5.2.1.1. Language of the ChromaVision® display, p. 39)
- Work with a joblist (s. 5.2.1.3. Joblist, p. 40)
- Browse measurements (s. 5.2.1.4. Browse measurements, p. 41).

NOTE: the last three features are not possible with an X-Rite instrument.



2.2.4.5. Deletion of Readings

(modules -> ChromaVision® configuration -> test communications and settings)

By clicking the "delete" – button all readings that are actually stored on the device are deleted in one go (the spectrophotometer has to be connected for that action).

Single readings can be deleted on the instrument directly.

2.2.4.6. Green Tile Test

The Green Tile can be used to identify whether a ChromaVision® device has drifted since production or last certification. This guide explains how you can find out if your ChromaVision® device needs maintenance.

- **Q** When should you test your ChromaVision® device?
- A We recommend you check it every 6 months or when you experience problems with the device.

Important note:

Even though we made sure that the colour we used for the Green Tile is very stable we recommend keeping the cover closed and the Green Tile preferably in the envelope.

To check the device, make sure that you have the correct Green Tile for your ChromaVision® at hand (simply compare the serial number printed on the label).

Perform the communications test:

Communication test successful! Serial: 1010752 Device: BYK 6320 3.13.1	
	Device
Com port: COM1	Test Communication and Settings
174 Show and dates income	Options
Show shall status cons Show list of best matches	
	Cancel Save

Press the "Green Tile Testing" button:

Communication te	st + Extra settings			×
Communica		(9- I	If this is the first time that you enter the "Green Tile Testing" you have to enter
Device	BYK 6320 3.13.1			the values printed on the label attached
Serial	1010752			number corresponds and the
Date	<u>11</u> .12.2006 ▼ 09:4	8:23 🕂		positives / negatives are correct).
Language	EN English			
Allow in	Extra Options	Display Enter job name Browse measurements	: Default : YES : NO	
Brows			: Single	Green Tile Testing ×
		Enter name Battery test Days since last calibr. Measurement count Calibration count Catalog number	:YES :OK :13 :90 :720568 :6320 T	Please Enter L,a,b values (of 45 degrees) printed at the back of the Green Tile
Erase reading	gs Green Tile Testing	Cancel	Save	65,57 ° (-9,49 ° 8,11
				Test Green Tile Cancel

After pressing "Test Green Tile", the following screen appears:

Inform	ation
į)	
	OK Cancel

Detach the cable from ChromaVision® and calibrate ChromaVision®.

Take a reading of the Green Tile (make sure that you finalise this reading (back in the main menu of the device)). Re-attach the cable.

Press "OK". The Green Tile measurement will be read by the software and compared to the initial values.



2.3. Users definition

Users definition is installed automatically when installing EcoMix or price management.

You can define users with different access levels. As long as no users are defined, everybody can access any module and work with the program in any way he/she wants without having to identify him/herself. As soon as one user is defined, at least one "manager" needs to be defined as well. From that moment on, only the "manager" can access the user management module with their password.

All search variations (Search Menu [F2]) are accessible without identification.

There are two reasons why you would want to define users:

2.3.1. Identification of users

You want to control who is weighing and/or want to pass certain jobs to certain persons (with EcoMix). In this case check the box "Force identification on scale"

on the options tag of users definition.

User management	□ ×
Users Levels Options	
S Force identification on scale	
(Apply)	Close

2.3.1.1. Access authorisation and control

Two user levels are defined: user and manager, of which the manager has all rights. A third level can be defined (custom) by yourself, see "Levels"-tag.

User management				— ×
Users Levels Op	tions			
	Custom	User	Manager	
■ Maintenance		I	Π	
Personal DB m				
Personal DB ex.	v			
Configuration		—		
Scale configur		E		
Label printer co		—		~
	Expand all		Collapse all)
		Apply	Close	

2.3.2. Definition of users

To define people as users go to the "users"-tag, press "add". In the screen that opens you enter the required data and choose the access level from the list, confirm with okay.



2.4. Qualities [F7]

•

- Select only the qualities you use. (This will limit the formulae found in a colour search to those qualities only).
- Scroll down the list with the arrow keys.
- To select/deselect press the space bar.
 - Press to select VOC-compliant qualities only.

NOTE: Although qualities are switched off, it is still possible to view them in the Colour Search with the "Show inactive qualities"-button on the bottom left of the Show inactive qualities

2.4.1. User Factor for Volume Suggestion

For each quality you can define a factor for the suggested volume. It takes into account if generally more or less material is used then given by default.

3. Search Menu [F2]

The display of this screen varies according to the modules that you have installed/configured. Full Search, Via Manufacturer, Via Model and Ancillary Products are always available. The display of the ChromaVision®-button is dependent on the settings/configurations.

"Full Search" is the most powerful search; for your convenience also guided searches "Via Manufacturer" and "Via Model" were created.

ColorQuick Pro CD2007-3 RC2 (software version 3.0, build 74 - (c)1999-2007 DuPont de Nemo	urs) _ 🗗 🗙
Uirs Word of Paint Colon Road Redtown	DuPont ColorQuick Pro
English	
Search Menu (F 2) Maintenance Menu (F3) Configuration Menu (F9) System Info	
Euli Search	Ancillary product
Via Manufacturer	ChromaUsion
Via Modeļ	
	Colour Pages

3.1. Full Search

Type in any info known, press enter or click on the arrow beside the field.

ColorQuick Pro CD2007-	3 RC2 (software ve	rsion 3.0, build 74 - (c	:)1999-2007 DuP	ont de Nemours)		
Colour search	n 🗩					
Search New sea <u>r</u> ch	<u>M</u> anufacturer Colour <u>C</u> ode			• •	 Exact match Begin with Contains 	F5 F6 F7
	Colour <u>N</u> ame Mo <u>d</u> el An Codes		•	Col Groun	 ∠) Undo Redo New search 	Ctrl+Z Ctrl+Y F4
	<u>S</u> tock Code Database <u>t</u> ype	OFFICIAL			Jump to input <u>m</u> an Jump to input color Jump to input color	ufacturer ur <u>c</u> ode ur name
					Jump to input mo <u>d</u> Jump to input appli Jump to input colo	cation codes ur group
					Jump to input <u>s</u> toc Main menu	F10

Vary the search by changing the search modus (clicking on the resp. fields or display menu with F1-key):



You can start typing the information you have into any field, the search will be fastest, though, if you fill in from top to bottom. With the last field "Database type" you can limit the search to your custom formula. At the end of the search this screen will be shown:

Where the possible colours are shown in the middle part, the available qualities are displayed in the bottom part ("Formulae"). Scroll in the middle part and thus see the formula info for each line. By scrolling to the right (of middle part) a column becomes visible: "Application Code", here you will find a hint on where this colour is used (e. g. exterior).



General:

The heights of the horizontal divisions can be changed by placing the cursor on the border until this sign appears: Drag and drop in the direction you wish.

The same is valid for column widths: place the cursor on a line between two columns.

By pressing "Show inactive qualities" qualities that were set inactive in the configuration menu

ColorQuic	k Pro CD2007-3	3 RC2 (software vers	ion 3.0, build 7	4 - (c)1999-2007 DuPo	nt de Nemours)					_ 8 ×	
Colou	ir search					-					
Search		Manufacturer	MERCE	DES			F1 or right	mouse	key		V Manufacturer
Nev	v sea <u>r</u> ch				-		+				
(5)	$) \bigcirc \alpha]$					•	Limit Quality display	•	All actives		
					-		Limite Alternate displa	/ •			are
				-	Col.Group	•	Undo	Ctrl+Z			displayed.
				-			New search	F4			
			OFFICIA				Jump to input colour o	ode			Sort the
	Stock	I Manufacture	r	Col code		Col name	Jump to input colour n	ame		E En 🔼	information
	100996	MERCEDES		3568	S	GNALROT	Jump to input moger	on codes	ST	996	for each
	100000	MEDCEDES		2559			Jump to input colour gi	oup	1062	1006	column by
	100330	MERCEDES		3300	3	NONALKUT	Jump to input stockcoo	le etail	1503	1550	clicking on
	100996	MERCEDES		568	s	GNALROT	Jump to list of formula:	S	1963	1996	the small
	100996	MERCEDES		568	s	GNALROT	Show/Hide colour win	dow Ctrl+VV	1963	1996	box in the
		mentoebeo			Ū		Open actual <u>f</u> ormula	Ctrl+F			headers of
1	101604	MERCEDES		140G	н	IELLGRAU	Main menu	F10	1963	1963	the
	<u> </u>									<u> </u>	columns:
Form	nulas										1.1.1.1.1.1.1.1
	Stock	🗖 Quality 🛛 🗖	Alt.		D Poor 🗖 O	ve 🗆 V 🗆 F	🗖 F.C.S.			<u>^</u>	Limit the
Þ	100996	500 0				VS	(3/231)*				display to a
	100996	501 0			inni.	vs	(3/231)*				
					MA.	3					
										×	
	Show inact	tive qualities					Open actual	formula	Main m	ienu)	

certain quality or desired alternates by clicking F1 or right mouse key.

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Enhance the colour representation by highlighting the colour (in the middle part of the screen) and pressing Crtl + W



When scrolling down the list of colour info lines the colour in the window will change, too.

The icons in the formula part (at the bottom) of the screen inform you on:



3.1.1. Twotone Colours

If the found formulae are part of a twotone colour you find this hint on the right side of the formula in the formula (bottom) part of the screen.

olour searcl	-3 RC2 (software version 3.0, bi	uild 74 - (c)1999-2007 DuPont de N	emours)			
arch	Manufacturer FIA	T / LANCIA				
New sea <u>r</u> ch	Colour <u>C</u> ode 🚃	•	L.			
$\mathbf{n} (\alpha)$	Colour <u>N</u> ame		•			
	Mogel		-			
	A <u>p</u> .Codes	Col.Gr	oup 🗾			
	Stock Code	-				
	Database type	FICIAL				
C Stock	< 🗖 Manufacturer	Col.code	Col.name		🗖 Start y	🗆 En 🔮
	FIAT / LANCIA		+224/182[P7807] +90	0	1984	1984
7	FIAT / LANCIA		+262 + 900		1984	1984
Ċ	FIAT / LANCIA		+305 + 327 [L9312]		1991	1991
d	FIAT / LANCIA		+313 + 428A		1991	1991
č	FIAT / LANCIA		+601 [K8922] + 809		1984	1985
						>
mulas						
have selected a tv	40 Stock	🗖 Manufacturer	Col.code	Col.name		
	▶ × N8365	FIAT / LANCIA	900	ANTRACITE EFFECT		
	hose P7807	FIAT / LANCIA	182	BIANCO CORFU/SARATO)A	
						>
				Constant	Main mar	

3.1.2. Guided Search

3.1.2.1. Via Manufacturer

Choose a name from the list or type in the first letters, the program will jump to the most suitable entry. Limit the search further by entering values into the fields that appear after confirming the entry in the first line.

3.1.2.2. Via Model

The procedure is the same as with 3.1.1

In both cases you can continue the search you started with the options in "Full Search" by clicking on "Full Search".

ColorQuick Pro CD2007-3 RC2	(software version 3.0, build 74	- (c)1999-2007 DuPont de Nen	nours)		_ <i>8</i> ×		
Colour search Search New search Co	nufacturer ALFA RO lour <u>o</u> ode j lour <u>N</u> ame	MEO		Via Manufact	urer	_	
	ColorQuick Pro CD2007-3 RC	2 (software version 3.0, build	174 - (c)1999-2007 DuPont de Ne	mours)	_ 6	×	
THESSNER	Search New search Market Control Contr	anufacturer ALFA ogel 146 otour ©ode J olour Name J	ROMEO	• • • V	ia Model		
		ColorQuick Pro CD2007-3	RC2 (software version 3.0, buil	d 74 - (c)1999-2007 DuPont de Nemou	rs)		_ 6 ×
		Search New search	Manufacturer ALFA Model 146 Colour Qode 200 Colour Name 200 Aq. Codes 200 Stock Code 000 Database type	ROMED			
		* F0256	ALFA ROMEO	195A	ROSSO PROTEO EFFECT	1993	2004
		F0518	ALFA ROMEO	601	NERO PROFONDO/LUXOR/KYALAMI	1970	2007
		F0518	ALFA ROMEO	601. 147 BLACK LINE	NERO PROFONDO/LUXOR/KYALAMI	1970	2007
		F0524	ALFA ROMEO	210	BIANCO D.S.	1994	2000
			1		1		> ×
		Formulas					
			Quality Alt. Alt.	Col C L Poor C	VS D		
		F0256 F0256	CROMAX 0	B D B	5 N VS		
		Show in activ	e qualities		Open actual <u>f</u> ormula	Main me	enu)

3.2. Ancillary Products

It is the same module as the "Ready for Use" (s. a. 3.4.2. Ready for Use, p. 28), but it allows you to have combinations of noncolour products, as clears and undercoats calculated and sent to scale.

You have the choice of all standard combinations that are described in TDS (Technical Datasheet), you can make changes with regards to thinner addition within the given limits and store quickselects (3.4.2.1. Create a quickselect, p. 28) in the same way as is done with Ready for Use.

You can save the resulting combination, copy to the pers. DB and alter it in the way you like.

3.3. Formula Retrieval with ChromaVision®

- The option has been created to allow formula search without continuous connection between device and PC
- Product Mixing 3750 ACCELERATED P B. PC CLEARS CLEARS Product 3750S ACCELERATED SPOT/PANEL REPAIR 0 FLATTENING -FLEXIBLE . 431R XB387 SPOT AND PANEL REPAIR (ACCELERATOR)
- 1 single connection and transfer of the newest measurements needs to be executed and after this the device can be disconnected (= off line procedure)
- No measurement can be executed while connected to the PC
- The connection of the device and transfer of data can only be achieved when device is in main menu

3.3.1. Transfer of measurements

Physically connect the device to the PC via the cable provided Start ChromaVision® software

Software will seek connection and when established will download all new measurements



Once the new measurements are downloaded, device can be disconnected

3.3.2. Search for measured colour

Screen after downloading data:

ChromaVision	
Preselection	
Manufacturer Co	Chroma\/ision
· · · · · · · · · · · · · · · · · · ·	Precelerion
StockCode Quality C	Manufacturer Code
•	
	StockCode Quality Contains lead Force search on type
Measurement selection	Automatic 💌 Reset
🕅 Shadin	
	Shading allowed
	ВҮК 1010752
Please select a reading as	Color Nr Name Time
· · · · · · · · · · · · · · · · · · ·	113 GRAU 05.07.2007 13:24:27 "Start Search"
	112 WEISS 05.07.2007 13:20:59
	111 03.07.2007 10:57:56 110 03.07.2007 10:57:56
Main Manu	10 03.07.2007 10:54:58 109 03.07 2007 10:54:19
Main Manu Job List	108 03.07.2007 10:46:29 Start Search
	102 02 02 0007 10:42-21 10

- Click the little arrow right beside the filed with the number of the last reading.
- Choose a measurement from the list of transferred reading
- Select search criteria for manufacturer, code, stock code, quality in the same way as for normal formula search.
- "Contains lead": forces the search to look up lead containing or lead free formulae only.
- "Force on search type": automatic is default, the program decides on the type (solid or effect):

If the surface of the measured sample is scratched, but you know that it is a solid colour you should force the program to search within solid colours only. In case of very fine aluminum flakes (in metallic colours) you should choose "metallic". For metallics it is recommended to insert the carmaker as search criteria to make sure the same effect pigment is used for the original as in the repair formula. If you search without defining the carmaker the program might find a formula that fits the measured values well but contains a different effect pigment. The optical impression is usually better if the OEM and the repair paint contain the same effect pigment.

• "Reset" will remove all criteria.

3.3.2.1. Shading allowed

Activated by default.

Best match	es							Form	ula preview		
Туре	Stock Code	Alternate	Quality	Coat	Lead	Value		Mix	Tint name	Mass	
OFFICIAL	43757	0	17035	N	YES	0,94		AM42	LIGHT YELLOW	424.4	
								AM24	OREEN	75.0	
OFFICIAL	43757	0	500	N	YES	0,94	_	7114.20	DI DINDED	407.6	
OFFICIAL	43388	0	5035	N	NO	1,19	- 11	ZU338	LOW EMISSION ADDITIVE	117.0	
OFFICIAL	60130	0	ST	N	YES	1,32	- 11				
OFFICIAL	S4899	0	HDC	N	YES	1,72	- 11		T		
OFFICIAL	S4899	0	IMRONEL	N	YES	1,72			ormula prov	iow	
OFFICIAL	S4899	0	IMRONTR	N	YES	1,72					
OFFICIAL	S6576	0	600	В	YES	1,80					
OFFICIAL	S6576	0	6000	В	YES	1,80					
	C0510	0	500	м	NO	4.03					
Color detail							•				
danufacturer			Colour Code		Colour Nan	ne					
UPONT CO	LOUR CARD AUST		43757		GREEN			0		C	
DUPONT EN/	AMEL FINISHES		93		GREEN			1000			
DUPONT FLE	ET CARD AUST		43757		GREEN			- reger	heepel		
-CS			4/120		GREEN				Good match		
NEOPLAN					GREEN				Green: Q	jood n	natch
									Yellow:	shada	ble
									Sharable Orange:	use w	ith cautio
							Prin		Abort	Next)	

Double click a line to achieve more information on the selected colour:

Result ×	Result ×
Source An existing formula has been shaded to create a formula that matches the panel well. It is advised to spray a test panel. Shaded	"Use with caution!" The panel has been matched to an existing formula. However, a test panel should be sprayed. USE WITH CAUTION
Original formula detail	Original formula detail
Stock Code 61789 Alternate 0 Coat N Quality ST Uses Lead NO	Or Stock Code 61789 Alternate 0 Coat N Quality ST Uses Lead NO
Manufacturer Colour Code Colour Name	Manufacturer Colour Code Colour Name
PANTONE 5635C LIGHT GREEN *	PANTONE 5635C LIGHT GREEN *
Preview Abort Finalise	Preview Abort Finalise

Click "Preview" to go to the print preview of the formula for 1I, Click "Formula" to open the formula edit screen, s. 3.4. Display of the formula (page 27).

3.3.2.2. Shading allowed inactive (no shading)

NOT the standard process.

C	calculatio	ns negatively	<i>'</i> .	0							Ū		
ChromaVisio Preselection Manufacturer	on	Code				-							
StockCode	Quality	Con	air Best match	ies						Form	nula preview		
-	•	•	Туре	Stock Code	Alternate	Quality	Coat	Lead	Value	Mix	Tint name	Mass	
			OFFICIAL	43757	0	17035	N	YES	0,94	AM42 AM1	LIGHT YELLOW WHITE H.S.	424.4 145.2	
Measurement set		Shading a		43757	0	500	N	YES	0,94	AM34	GREEN	75.6	
			OFFICIAL	43388	0	5035	N	NO	1,19	ZU33	8 LOW EMISSION ADDITIVE	407.5	
114	•)	OFFICIAL	60130	0	ST	N	YES	1,32				
Discourse			OFFICIAL	S4899	0	HDC	N	YES	1,72				
Please se	lect a re	eading and	C OFFICIAL	S4899	0	IMRONEL	N	YES	1,72				
			OFFICIAL	S4899	0	IMRONTR	N	YES	1,72				
Main Menu	\neg	Job List	OFFICIAL	S6576	0	600	В	YES	1,80				
			OFFICIAL	S6576	0	6000	В	YES	1,80				
				C0E40	n	500	N	NO	4 02				
			Color deta	il					•				
			Manufacture			Colour Code		Colour Name					
			DUPONT CO	IAMEL FINISHES		93		GREEN					
			DUPONT FL FCS	EET CARD AUST		43757 4/120		GREEN GREEN		Lege	M egend:		
			NEOPLAN					GREEN			Green: good	match	1
										1	Orange; use	with c	aution!
									Prir		Abort	Next	
	Chro	maVision	formula	preview		Printed on	: 13.07.2007	r					
					R	Reading number :	114	-					
						Date : Time : Time :	05.07.2007 13:24:27						
						Type.	Solic	'					
	Stock Coo Alternate	e	43388 0					le Remaurs)			. 8	×	
	Coat Quality		N 5035					a farma a					
	Uses Lea Manufacti	ad Jrer	NO Fleet Denmark					423, 7	FLEET DENMARK				
	Colour Co Colour Na	ode ame	KIRAS KOLDING GULGRON (PORS	RENOV. SCHE 137)				572,8	KIRAS KOLDING RENO Columna GULGBON (PORSCHE	IV.			
				Formula				1031, 0 1056, 4	USE WITH CAUTION	>			
	Mix	Name		Original weig	ht Weighta	after shading	Difference		Stock Cone : 13388 Closelle : 5035				
	AM43 AM1	WHITE H.S.		423 96	,/ ,1	423,7 96,1			Cost : Atemata : 0 Col Crina :				
	AM32 AM70	GREEN FAST BLUE L.S.		53 24	,1 0	53,1 24.0			Rid Date : 00.00.00 Form Data : 16.12.19	00 97			
	ZK135	C5035 BINDER		434	2	434,2							
	ZK335	C 5035 ADDITIVE		20 Refore shadir	4	20,4		-					
	Match level (the value affe	r shading is theoretica)	1,1	9	1,19							
	- -		,										
					<u>C</u> oc y It pers DB		0		CompleterChang	e salaur mig)		
					Valume Suggestion Ready for use		(T0 g			VS 2			
					shel:	2 m)			G	ack (lo pre=)	ssreen) 🔰 Van menu)	

Can be useful when colour hiding is not sufficient because the colour of the substrate may influence the shading

3.4. Display of the formula	OPR Color Tool TEST 2 (software vers	ion 3.0, build 43 - (c)1999-	2006 DuPont de N	lemours)		_ 8 ×
aliaking on "Diaplay formula	" in Could not create quality no	de Tint code	Tint name	gram (abs.)	Stock Code	
clicking on Display lornula	1532W	FINE BRIGHT A	167, 9	167, 9	ALFA ROMEO	
the lower part of the screen	the 1505W	GOLD PEARL	69,2	237, 1	Manufacturer 566A	
formula is displayed.	1405W	JET BLACK - B	46,3	283, 4	Col.code	
	1401W	WHITE H.S.	27,0	310,4	GRIGIO TRAVERTINO EFFECT	
	1418W	BRIGHTNESS	25, 3	335,7	(A) does not exist. Do you want to select (B) ?	: X2822
	1432W	YELLOW SHAD	4,6	340, 3	Scale module	: CROMAX
	1446W	ORANGE YELL	2,9	343, 2	Coat	:0
	1640WB	METALLIC LOV	473,7	817,0	Alternate	:
	1650WB	METALLIC HIG	202,8	1019,8	Col.Chng	: 05.06.2005
	ible					
These actions are access from this screen:	Copy to cers DB Volume Suggestion Ready for use Labols Print			cale	Complete/Change colour infoit	Main menu

3.4.1. Required Volume

Type in the required amount of paint (volume or weight) in the field in the middle below the tints field. Hint: if you require less than 0,25 I the program will warn you that these small amounts may result in colour deviation due to inaccurate weighing.

3.4.1.1. Volume Suggestion

- · Press "volume suggestion" to get an idea how much material is necessary to spray a certain carpart
- Select car size and the car parts (one click exterior, two clicks exterior and interior, three clicks: interiror or blend).
- For an overall repair click "Apply to all" and select "exterior", "interior" or both (indicated by different colours).

The amounts given by default are multiplied with the factor given in *configuration menu -> general -> "user factor for volume suggestion"*(2.4.1. User Factor for Volume Suggestion, p. 19).



- The volume suggestion function can be activated as default pop up (s. 2.1.2. Volume Suggestion, p. 8).
- If it is activated but not needed for a certain case, leave the screen with "Cancel" (otherwise the volume will be set to 0 L).
- The suggested volume can be activated before or after having applied the "Ready for Use" function. The volume suggestion calculation always takes into account all components listed in the formula screen.

NOTE: Deactivate the volume suggestion function in the Configuration Menu (s. 2.1.2. Volume Suggestion, p. 8), if it pops up before the formula, but you do not want this.

3.4.2. Ready for Use

In the formula screen Click the "Ready for Use" button, Choose the required extra ingredients, Press "Ok". The screen will close and the extras are shown as part of the formula. The volume can be adjusted before or after the ready for use calculation.

3.4.2.1. Create a quickselect (often used mixture)

Press the +-button (at the right of the very top line ("choose a quickselect")), name the combinations. The quickselect items are shown in a drop down list, from where they can be selected.

Product Mixing	×
Choose a QuickSelect :	
Group 2K ENAMEL	Product IMR NEL
Туре	Style Spray Temp
STANDARD	COARSE (AK119) O Any / 25-30° C
FLATTENING (EL555)	FINE (AK117)
SIROCIORED	② ● 20-2∮ C
Activator	Thinner PotLife HRS.
ET645	ET745
	Quick selection ×
	Enter a name for the quick selection of the
THINNER STD (0.7 PARTS)	actual product mixing combination
100	FAVOURITE RAL COLOUR
ET 07 100.007 3.00	
	OK Cancel
K111	Remove RFU
	Čancel

3.4.3. Printing

By clicking the icon "Print" you will go to the print preview. The print job will be sent to your standard printer; the formula print is formatted for DIN A 4.

3.4.4. Label Printing

The button is only visible if a label printer is installed and configured.

You can choose between four different labels.

Print label(s)	
List of labels printable on 30252 Address	
Hint label	
Color label	
Formula (abs.)	
Formula (cum.)	
Cancel	

3.4.5. Copy to personal DB

- Copy the formula to your Personal Database,
- Return to the formula screen,Continue to make changes.

How to handle personal formulae: see 4.1.1. Create New Formula, p. 31.

Personal formulae in a list are marked with "P" at the beginning of the line.

guanty no ac	Tint code		gram (abs.)	Stock Code	
532W	FINE BRIGHT	167, 9	167, 9	ALFA ROMEO	
505W	GOLD PEARL	69,2	237, 1	566A	
405W	JET BLACK - B	46,3	283,4	Col.code	
401W	WHITE H.S.	27,0	310,4	GRIGIO TRAVERTINO EFFECT	
418W	BRIGHTNESS	25,3	335,7	(A) does not exist. Do you want to select (B) ?	: X2822
432W	YELLOW SHAD	4,6	340,3	Scale module Quality	: CROMAX
446W	ORANGE YELL	2,9	343, 2	Coat	:0
640WB	METALLIC LOV	473,7	817,0	Alternate	:
650WB	METALLIC HIG	202,8	1019,8	Col.Chng	: 05.06.2005

3.4.6. To Scale

i

If the button is greyed out, a scale needs to be configured in the Configuration Menu (s. Configuration Menu [F9]/Modules [F6]/2.2.1. Scale configuration p. 8). By clicking the button "To scale", the scale

By clicking the button "To scale", the scale screen opens, as well as the scale that you selected under "settings" starts.

TIMU	(Set)	(Act)		Stock Code:			
AM1	195.8	2	0.0	\$4867			
AM43	15.7		0.0	Alternate: 0			
AM6	0.8		0.0	Quality:			
AM31	0.5		0.0	17035			
ZU138	115.0	1	0.0	APRILIA MOTO	RCYCLES		
ZU338	36.4	1	0.0	Mfr. Code: A666			
						Tulaj amount j	
<u>C</u> ontinue	e Pia Pres	ice can and s [Continue	tare Ænter]		CAU	liso on so lisplay	cale

If you – under *configuration menu -> modules -> user management -> options* - checked "Force identification on scale" (2.3.1. Identification of users, p. 16) this identification will be asked for before opening the scale.

Login Dialog	
Password	
	<u>Ok</u>

3.4.6.1. EcoMix

Once the EcoMix is configured, you can start with the job weighing via EcoMix

Job	
То	Laurence
Job Nr.	1
Registration	Registration
Comment	Comment
	Priority
💿 Normal 🛛 💽	High 🔘 Very high
	Cancel OK

Send a job to scale.

- Select a person from the list in the top field (persons to be listed need to be configured in the user management, s. 2.3.2. Definition of users, p. 18).
- Fill in the information requested.
- Select a priority for the job.

The jobs will be sorted in the job list on the EcoMix side per priority.

3.5. Colour Pages

3.5.1. TDS

Find the Technical Data Sheets for the products to be used.



3.5.2. Other Documents



Retrieve information on tints (paint qualities, special tints, etc.) and car manufacturers.

4.1. Personal Database Maintenance

The personal database contains your own custom formulae. In this screen formulae can be created from scratch, edited, deleted, exported, and others can be imported.

Existing formulae from the official database can be copied to the personal database and edited.

ColorQuick Pro CD2007-	3 RC2 (software)	version 3.0, buil	1 74 - (c)1999-200)7 DuPont de Nemours)			_ 8 ×
Personal data	base main	tenance					
Search	<u>M</u> anufacturer	xxx		-			
(New sea <u>r</u> ch		XXX		-			
Export		Stock	. Quality	Manufacturer	Col.code	🗖 Col.name	^
(+) (-) (\$	1-1-1	100996	5035	MERCEDES	3568	SIGNALROT	
		E1 476	6000	FIAT / LANCIA	EDONT EACIA		_
	» Р	1 1470	0000	LIAT / LANCIA	TRONTACIA	ORO (HILOL)LITECT	
Selection							
							~
							>
Formula prev	iew						
The owner of this form	ula ie Hil'e Work	d of Paint					
Note : 2. Versuch 27.6.	07	a or r ann.					
Tint code	gra	m (abs.) gi	am (cum.)		v.		
AM6		127,999	127,999		\sim		
AM16		90,000	217,999	Edit actual formula			
AM15		5,120	223,119				
AM91		2,560	225,679				
AM29		2,048	227,727				
XB155		280,574	508,301	Read ChromaVision			
XB165		440,316	948,617				
				.			
Import							
						Main me	anu)

4.1.1. Create New Formula

There are four possibilities to create a new formula:

- 1. You edit an existing formula: search menu -> search -> input of criteria -> Formula -> copy to personal DB
- 2. You create an entirely new formula: maintenance menu -> personal DB maintenance -> create new formula
- 3. You import a formula that was exported from another PC: maintenance menu -> personal database maintenance -> import (s. 4.1.5. Import, below)
- 4. You import the formulae from the personal database from the current (old) ColorQuick: *maintenance menu -> personal database maintenance -> import* (s. 4.1.5. Import, below).

In the first two cases a screen will open where you have to give information on the formula. For case 1. several entries are copied from the original formula, for case 2. you have to provide the data.

Formulae from the personal database are marked with "P" at the beginning of the line in the list of formulae that match your search criteria. If you want to select your personal formulae only, choose "Custom" as database type.

DPR ColorTool T	EST 2 (software version 3.0, build 4	13 - (c)1999-2006 DuPont	de Nemours)			
Personal	formula					
	Reference APRILIA MOTOR cription CREMA SCARAE A666 500	RCYCLES BEO				
Ora. Stock code	/ Quality / Alternate / Uses Lead / C					
54867 / 500 / 0	NOT					
						Edit header and note
						0
TintCode	TintName	AbsMas	s			Add line
AM1	WHITE H.S.	71	0,42			Delete line
AM43	BRIGHT YELLOW	5	1,32			Up
	FAST GREEN LS		2,51			
AK100	2K-BINDER	48:	8.86			L DOWN
	Personal formul	a reference			×	
	Manufacturer / F	Reference	Note			
	APRILIA MOT Colour code A666 Coliname / Des CREMA SCAF Quality 500	ORCYCLES cription RABEO	another ni	ice colour		
	Org. Stock code Org. Quality Org. Coat	: \$4867 : 500 :	Org. Alternat Org. Uses le	e :O ad :No		Actual volume (L.) Absolute
Use for	mula		01		Cancel	Save Cancel

4.1.2. Edit actual formula

Mark the input line that you want to change and change the amount.



4.1.2.1. Add Product

- Click the button "Add product": an empty line appears at the end of the formula.
- Position the cursor in the empty field of the "Mix" column.
- Choose a new product from the list that is displayed when the little arrow is clicked. The name of the new product appears automatically.
- Type in the amount (in gram).

4.1.2.2. Delete Product

Mark the product that you wish to delete and press the icon "Delete product".

4.1.2.3. Save the changes

After doing the changes, you need to click "save" - the complete mix is recalculated to 1 litre. Then you can chose to close (return to the previous screen) or "use formula" for immediate use of the changed formula.

4.1.3. Delete this formula

By pressing this button the complete formula is removed from the database.

4.1.4. Read ChromaVision® Data

Bearch		333		-			
New search							
					-		
				-			
		Stock .	Quality	Manufacturer	Col.code	Col.name	
+) - (%)	71	100996	5035	MERCEDES	3568	SIGNALROT	_
		EA ATC	0000	FIRT (LINOU	FROM FACIA		
) № р	F1476	6000	HALF LANCIA	. FRUNT FAUA	ORD (#FLCL) EFFECT	
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Selection Formula prev The owner of this form tote : 2. Versuch 27.6. That code	iew Ulia is Ulia's World	of Paint.	ram (cum)				-
Belection Formula prev the owner of this form the councer of this form the councer of this form the councer of the form the form	iew ula is Uli's World 97	of Paint. (abs.) o 127.999	ram (cum.) 127,999	Create new formula			
Belection Formula prev The owner of this form doie : 2. Versuch 27.6. Tint code AM5 AM16	iew Ida is Uli's World 27 gram	of Paint. (abs.) g 127,999 90.000	ram (cum.) 127,999 217,989	Create gew formula			-
Selection Formula prev Formula software of this form fore c2, Versuch 27.6. Trint code AMI5 AMI5 AMI5	iew Iie is Uli's World 7 gran	of Paint. (abs.) c 127,999 90,000 5 120	ram (cum.) 127,999 217,999 273,193	Create new formula Edit actual formula			-
Formula prev Formula prev The owner of this form the cade AM5 AM15 AM15 AM15	iew iela is Uit's World 77 gran	of Paint. 1 (abs.) 9 127,999 90,000 5,120 2,560	ram (cum.) 127,999 223,119 226,211	Create gew formula Edit actual formula			
Formula prev Formula prev the owner of this form the 2. Versuch 77.6. Timt code AM6 AM15 AM5 AM13 AM29	iew https://www.rld pro- gram	of Paint. 1 (abc.) 0 127,999 90,000 5,120 2,560 2,048	ram (cum.) 127,999 217,999 223,119 225,579 227,579	Create new formula Edit actual formula			
Selection	iew Jaha is UN's World 27 gran	of Paint. 1 (sbs.) = 0 127,999 90,000 5,120 2,560 2,048 280,574	ram (cum.) 127,999 223,119 225,679 227,727 608,30	Croate gew formula Edit actual formula Read Chome Malon			

33/46

- Press this button to open the spectro module.
- Select a reading and link it to your personal formula.

ChromaVision	
	Confirm Colour Type ×
Measurement selection	Solid
Please select a reading and click on "Get reading" Main Menu Octreating	OK Effect

• Confirm color type.

The ChromaVision® measurement is now stored to your personal formula. The color representation is now available and you will be able to retrieve this formula with a ChromaVision® search!

Personal data	base main	tenance				
Search		333		•		
New search		IMPO	RTED			
		100				
		Block .	Quality	🗖 Manufacturer	Col.com	
	t P	(OWN)	6000	MTSUBISHI K80	IMPORTED	Г
	171	F1142	6000	FAT 483A	IMPORTED	
		(SWN)	6000	LADA 387	IMPORTED	-
	30				2	2
Formula prev	iew			Persona	formula with	
The owner of this form Note :	ula is Ny playgro			Chroma	/ision reading	
Tint code	grar	n (ibs.) 🛛 🤤	ram (cum.)		<u> </u>	0
AM45		201.000	201.000			
AM728		186.000	387.000	Edit actual formula		
AM11		81.000	468.000		\leq	
Atsus AM05		46,000	514.000	Delete this formul:		0
Import				5	Manimenu	D

4.1.5. Import

ColorQuick Pro CD2007-3 RC2 (software version 3.0, build 74 - (c)1999-2007 DuPont de Nen Personal formulas import	
Open file X	
ELCONIN Inport-Export	ColorQuick Pro CD2007-3 RC2 (software version 3.0, build 74 - (c)1999-2007 DuPo
	Personal formulas import
	Nbr. of invalid input:0 Nbr. valid input processed:2
File name: Personal_Formulas-2007-06-27.ctc Qpen	Nbr. of formulas imported:1 Nbr. of new formulas:1 Nbr. of formulas updated:0 Nbr. of formulas duplicated:0
Prie type. DuPont Import files	Nbr. of formulas skipped (because identical already in DB):1 Nbr. of formulas skipped (by user decision):0

By default the program searches import files in the Import-Export folder on the desktop. You may choose any possible source, though.

Press open to import formulae to the personal database.

The program will give you information about the imported formulae (identical ones are skipped).

4.1.6. Export

Choose the formula from the list that you want to export by highlighting them and then press

ColorQuick Pro CD2007-3 RC2 (softw	are version 3.0, buil	d 74 - (c)1999-2007	DuPont de Nemours)			_ @ ×
Personal database m	aintenance					
Search New search Colour Qc Colour Na	urer 🐹 🚺 ode 🔤		<u> </u>			
Export	Stock .	Quality	Manufacturer	Col.code	Col.name	Press
(+ - ()?) 📘	(P 100996	5035	MERCEDES	3568	SIGNALROT	to view
	P F1476	6000	FIAT / LANCIA	. FRONT FACIA	ORO (+FL.CL.) EFFECT	list and with the
Selection	For	mula co	pied to export	list		
Formula preview						
The owner of this formula is Uli's V	Norld of Paint.					
Tint code	gram (abs.) g	ram (cum.)				
AM6	127,999	127,999	Create <u>n</u> ew formula			
AM16	90,000	217,999	Edit actual formula			
AM15	5,120	223,119				
AM91 AM29	2,560	225,679	Delete this formula			
XB155	280.574	508,301	Read ChromaVision			
XB165	440,316	948,617				
		~				
Import				5	Main men	u





continue xport.

			Isss-Even Bal ene	de nemours)			_ # ×
Personal formu	ilas export	E					
□ Stock	. Quality 5035	Manufacturer MERCEDES		Col.code 3568	Col. name		Lea 📥
Save file	rt-Export s-2007-06-27.ctc	D		× •			
File name: Perso File type: Expor	onal_Formulas-2 t files	007-06-27_1.ctc	<u>S</u> ave	DuPont Re Ort: C:\Do	finish Import-Exp cuments and Set	oort tings\All Users\Docur	ments\DuPont Refir

The new file has a .ctc – extension and cannot be opened outside the ColorQuick Pro program. By default it is stored into a folder with a short cut on your desktop. From there it can be copied to any storage media or sent by email to be imported into a ColorQuick Pro program.

NOTE: The ColorQuick personal database can be converted for further use in ColorQuick Pro, s. 5.2.3. Conversion of ColorQuick personal database, p.42.

4.2. Price Management

If you enter prices for your used material here the program will calculate formula costs in several currencies, as well as taking your margin into account.

4.2.1. Price Editor

Enter your current price/litre.

Enhance your search for single products by typing in the product code in the field underneath the pricelist ("Search for this product code").

Price details maintenance						
Code	Description	Price/Litre				
1010R	H.S. ACTIVATOR	3,00				
1020R	HIGH SOLIDS PRIMER	5,00				
1025R	H.S. THINNER	3,00				
1030R	H.S. NON SANDING CONVERTOR	4,00				
1035R	H.S. NON SANDING CONV. SLOW	3,00				
1040R	UNIVERSAL 2K PRIMER GREY	4,00				
1052R	HI PROD SURFACER OFF WHITE	5,00				
1056R	HI PROD SURFACER DARK GREY	6,00				
1125S	ANZ 2K URETH P/ FILL ACTIVATOR	5,00				
1141S	ANZ VS 2K URETH P/ FILL WHITE	4,00				
1144S	ANZ VS 2K URETH P/ FILLER GREY	5,00				
Search for this product code						

4.2.2. Export/Import

You can import and export prices.and / or the settings; the exported data are stored as zip-files (packed) in the Import-Export folder on your desktop.

Press the "Export" - button,

select the data to be exported

There will be a separate file for each set of data (price, settings) which can be edited outside ColorQuick Pro.

- Open the files,
- Edit (looks like excel),
- Store as .csv-file,
- Repack (zip), store in the "DuPont Refinish Import-Export"-folder (default directory),
- Import the edited files (either as .zip (several at once) or .csv-files (separate).

		Price details ma	intenance		
Tint Code	Tint D		Price/Litre		Converted F 🗻
1010R	H.S.	Look in C Import-Export		Q	× • 📰 💟 🕑 🕑
1020R	HIGH	price-2007-06-27.Zip		10007A	
1025R	H.S.	price-2007-06-27_1.Zip	Export		
1030R	H.S.	_			
1035R	H.S.		M Price	🖍 Set	
1040R	UNIV				
1052R	HI PF				
1056R	HI PF				
1125S	ANZ			OK	Close
1141S	ANZ				
1144S	ANZ				
Search for thi	s produ	File name: price-2007-06-2	27_2.zip		Save
		rile type:			

5. Appendix

5.1. Problems and Solutions

- 1. Autorun does not start automatically
- 2. Autorun freezes your PC
- 3. Installation not successful
- 4. Volume suggestion not ok
- 5. Warning message
- 6. Forgot password

Start program manually Crtl + alt + del; stop task Restart PC, start installation again. Still not ok: contact your dealer or DuPont contact. Change factor Change level Call office

5.1.1. Questions and answers on the installation/configuration procedure

5.1.1.1. Autorun doesn't start up automatically

5.1.1.1.1. Changing Autoplay setting for Windows XP

From the Windows desktop, click on My Computer.

- Right-click on the icon for your CDROM drive, then click Properties.
- Select the AutoPlay tab, then choose the type of CD (Music, pictures, mixed data, etc.)
- Select an action to perform, or select "Take no action".

5.1.1.1.2. Changing Autoplay setting for Windows 98 SE

- From the Windows desktop, right-click on "My Computer"
- Click on Properties
- Select the Device Manager tab.
- Click on the "+" next to CDROM
- Select the entry for your CDROM drive.
- Click on Properties, and then select the Settings tab.
- Enable or disable the Auto-Insert Notification option.
- Click OK twice.

The change will be effective after you restart Windows.



5.1.1.2. Autorun freezes your PC

Symptoms:

When you are copying a large directory structure from a CD-ROM drive to a local hard disk (this is done in autorun as well), your computer may stop responding (hang). You must perform a local reboot to end the copy task and regain control of your computer.

Cause:

The Windows CD-ROM file system with protected-mode drivers includes a "Read-Ahead" feature that is designed to provide smoother video playback, with faster and more efficient data streaming. The Read-Ahead feature can cause the CD-ROM drive controller to be driven faster than it was designed to be.

Solution:

To prevent this problem, follow these steps: Click the Start button, point to Settings, then click Control Panel. Double-click the System icon. On the Performance tab, click File System. Click the CD-ROM tab. In the Optimize Access Pattern For box, click the setting that matches the CD-ROM drive you are using. Click OK. Restart the computer when you are prompted to.

If steps 1-5 do not solve the problem, repeat steps 1-4. In the Optimize Access Pattern For box, click No Read Ahead. Click OK. Restart the computer when you are prompted to.

5.1.1.3. Installation is not successful

Symptoms:

The installation ends with the info "Installation not successful".

Cause:

Parts of the software have still been in use and thus could not be updated or the hard disk was full or the CD was unreadable.

Solution:

Restart the PC, check the free space on the hard disk (should be more than 1 GB) and rerun the installation if the problem continues -> give us a call /email/ try to provide a trace file/remove leftovers of previous installations/...

What to do when there is no icon installed on your desktop?

Go to Start/All Programs/ColorQuick Pro/ColorQuick Pro → double click to open the program.



5.1.1.4. Trace back the COM port number of a COM/USB port in use

- Right click on icon "My computer" on your desktop and go to properties
- In System Properties, go to the tab "Hardware" and there select "Device Manager".
- In Device Manager, go to "Ports (COM & LPTI)" to see which COM/USB ports are currently active on your PC.

🚇 Device Manager	
<u>Eile Action View H</u> elp	
	^
🕀 💘 Batteries	
🖅 😼 Computer	
主 🧼 Disk drives	
庄 😼 Display adapters	
😥 🥝 DVD/CD-ROM drives	
🕑 🖾 Human Interface Devices	
🗉 🚍 IDE ATA/ATAPI controllers	
🕀 🦢 Keyboards	
Mice and other pointing devices	-
🕀 🦕 Modems	
🕀 😼 Monitors	
主 🎒 Network adapters	
🗄 📕 PCMCIA adapters	
🖻 🚽 Ports (COM & LPT)	
Communications Port (COM1)	
The second secon	
+ 0 Sound, video and name controllers	
E System devices	~

System Restore		Autom	Remote	
General Comp		uter Name Hardware		Advanced
Device Man Tł or pr	ager he Device Man hyour compute operties of any	nager lists al er. Use the E y device.	I the hardware devic Device Manager to cl	es installed hange the
			Device M	anager
Drivers				
Drivers Drivers Co ho	iver Signing le mpatible with w Windows c Driver <u>Si</u>	ets you make Windows. W connects to \ gning	e sure that installed di Vindows Update lets Windows Update for <u>W</u> indows U	ivers are you set up drivers. Jpdate
Drivers Dr CC hc hc	iver Signing le mpatible with w Windows c Driver <u>Si</u> ofiles	ets you make Windows, W onnects to \ gning	e sure that installed di Vindows Update lets Windows Update for Windows U	ivers are you set up drivers. Jpdate
Drivers Drivers Cocho ho Hardware Pr Ardware Pr Ha dii	iver Signing le mpatible with w Windows c Driver <u>Si</u> ofiles ardware profile ferent hardwa	ets you make Windows. W onnects to \ gning es provide a re configura	e sure that installed d /indows Update lets //indows Update for 	ivers are you set up drivers. Jpdate
Arrivers Drivers Drivers Control Hardware Pri Hit dil	iver Signing le mpatible with w Windows c Driver <u>Si</u> ofiles ardware profile ferent hardwa	ets you make Windows. W connects to \ gning es provide a re configura	e sure that installed d /indows Update lets /indows Update for ////////////////////////////////////	ivers are you set up drivers. Jpdate and store Profiles

In brackets, you see the COM port number that is dedicated to that COM port in use. This is the number that you have to enter in the communication settings in ColorQuick Pro.

• Double click on "Communications Port" to see the properties.

$\leftarrow \rightarrow \mathbf{II} \mathbf{I}'$
□- 🚇 MEC2808863L
🖻 🥞 Batteries
⊞-9 Computer
🗄 🛫 Disk drives
III → Usplay adapters
E S DVD/CD-ROM drives
🗄 🖾 Human Interface Devices
DE ATA/ATAPI controllers
H S Keyboards
Madama
Monitory
Semicors Semicors
PCMCIA adapters
H-Y Ports (COM & LPT)
+ 🔿 Processors
+ 🏹 Smart card readers
🗄 🤨 Sound, video and game controllers
⊕ - ♀ System devices
😟 🍪 Universal Serial Bus controllers

In the "Port Settings" tab, you can then see the speed of the COM port in use.

General	Port Settings	Driver	Details	Resources	
		<u>B</u> its pe	r second:	9600	*
			<u>D</u> ata bits:	8	*
			Parity:	None	*
			<u>S</u> top bits:	1	*
		Elo	w control:	None	~
			Ad	Ivanced	estore Default

🚚 Device Manager

Eile Action View Help

5.2. Information on External Devices

5.2.1. ChromaVision®: tips for success

See separate document "ChromaVision®_tips.doc".

5.2.1.1. Language of the ChromaVision® display

Go to Configuration Menu [F9] -> Modules -> ChromaVision® Configuration -> Test communication and settings. Select the language that you wish to see on the display of the spectro. NOTE: This is only applicable for Byk devices.

				Ø	3- <u>S</u>]
	BYK 6320 3.13.1					
	1010752			Ď		
	11.07.2007	09:56	03	-		
	DE Deutsch	1944		J		
	DE Deutsch EN English			ā —	: Default	
🗹 Allow jobl	ES español			ements	: NO	
🔲 Browse n	FR français HR Croatian				: Single : YES	
				calibr.	:0K :8	
	PLK polski		0	Dount	: 114	
			Catalog num	ber	: 6320	0

5.2.1.2. Preparation of the Surface

- The surface to be measured has to be clean as dirt and scratches interfere with the accuracy of the measurement. Clean the whole surface with degreaser and polish the part you want to measure.
- The surface to be measured needs to be even, otherwise the measurement may be affected by light leakage. The surface needs to be entirely flat and clean.
- The standards have to be kept clean. Do not use cleaning agents as they contain bleaching agents. Never use any solvents.
- Use warm water and a soft cloth.
- Calibrate the device under the same temperature and humidity conditions as you measure your sample.. Don't perform measurements on hot surfaces: some pigments are thermo chromatic which means that they change their colours dependent on the temperature.
- Each measurement takes three readings on slightly different positions on the sample, but close to the damage.
- Always spray out a testcard to check for accuracy.
- As the ChromaVision® device has an internal lamp, the external light is irrelevant fort he measurement. Faulty readings will be indicated on the display.
- Disconnect the ChromaVision® device from the PC, take as many measurements as you like.
- Before storing the measured values you are prompted for a name. The little arrow under the line points the position to be filled in next. Choose the character by turning the scroll wheel, by pressing it the character is confirmed, the arrow jumps to the next position. If you want to do changes in the name press the wheel until the arrow points to the required position.
- In case you created a joblist (Byk device only, s. 5.2.1.3. Joblist, below) the names of the joblist are displayed; the names can be changed on the display.

5.2.1.3. Joblist

NOTE: Only applicable for Byk devices.

- Use the joblist function to send a list of names for measurements to the device.

 Activate the "Allow joblist" option in the ChromaVision® settings, save.
 - Start ChromaVision® search Search menu [F2] -> ChromaVision® (with connected device).
 - Press "Joblist", a new screen opens.
 - Type in names for measurements (end each name with "enter" to start a new name in a new line).
 - Press "Save" to load the joblist to the device.

Communication te	st + Extra settings			×			
Communica		¢	2.	Chroma\/ision		Countrie full detectors	
Device	BYK 6320 3.13.1			Preselection		Search in full database	
Serial	(1010752			Manufacturer	008		<u> </u>
Date	11.12.2006 🗾 09:4	8:23 🕂		StockCode Quality	car1 car2		
Language	EN English				car3 car4		
	Extra Options	Display Enter job name	: Default (A)	Measurement selection			
Allow j		Browse measurements Lab mean	: NO : Single				
			:YES :OK	90			
		Days since last calibr. Measurement count	: 13 : 90				4/4
		Catalog number	: 6320	Please select a rea	Close	Sa	ve
Erase readin	gs Green Tile Testing	Cancel) (Save				
				Main Menu Job L	ist	Start St	earch

A new item "Joblist" appears in the display of the device:



5.2.1.4. Browse measurements

NOTE: Only applicable for Byk devices.





An asterisk in front of a job name in the display means that a measurement has been sorted by this name.

5.2.2. Label Printer Installation

New labelprinter: use installation CD-ROM to install the printer in Windows. The printer will then be listed with the other print drivers on your PC.

No CD-ROM or old printer: consult websites of printer manufacturers (syko, dymo) to find the last driver for your PC/operating system. Ask for IT assistance if needed.

5.2.3. Conversion of ColorQuick personal database

Personal formulae from the old ColorQuick program can be converted to ColorQuick Pro.

- Go to the ColorQuick Pro-file on your hard disc.
 - Click "PersDBConvert.exe",
- Select your language,



ColorQuickPro finds the Personal database from old ColorQuick and stores the data in a folder in the "DuPont Refinish Import-Export.ctc"-file on the desktop.



• Import the data into ColorQuick Pro as decribed in 4.1.5. Import, p. 34.

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