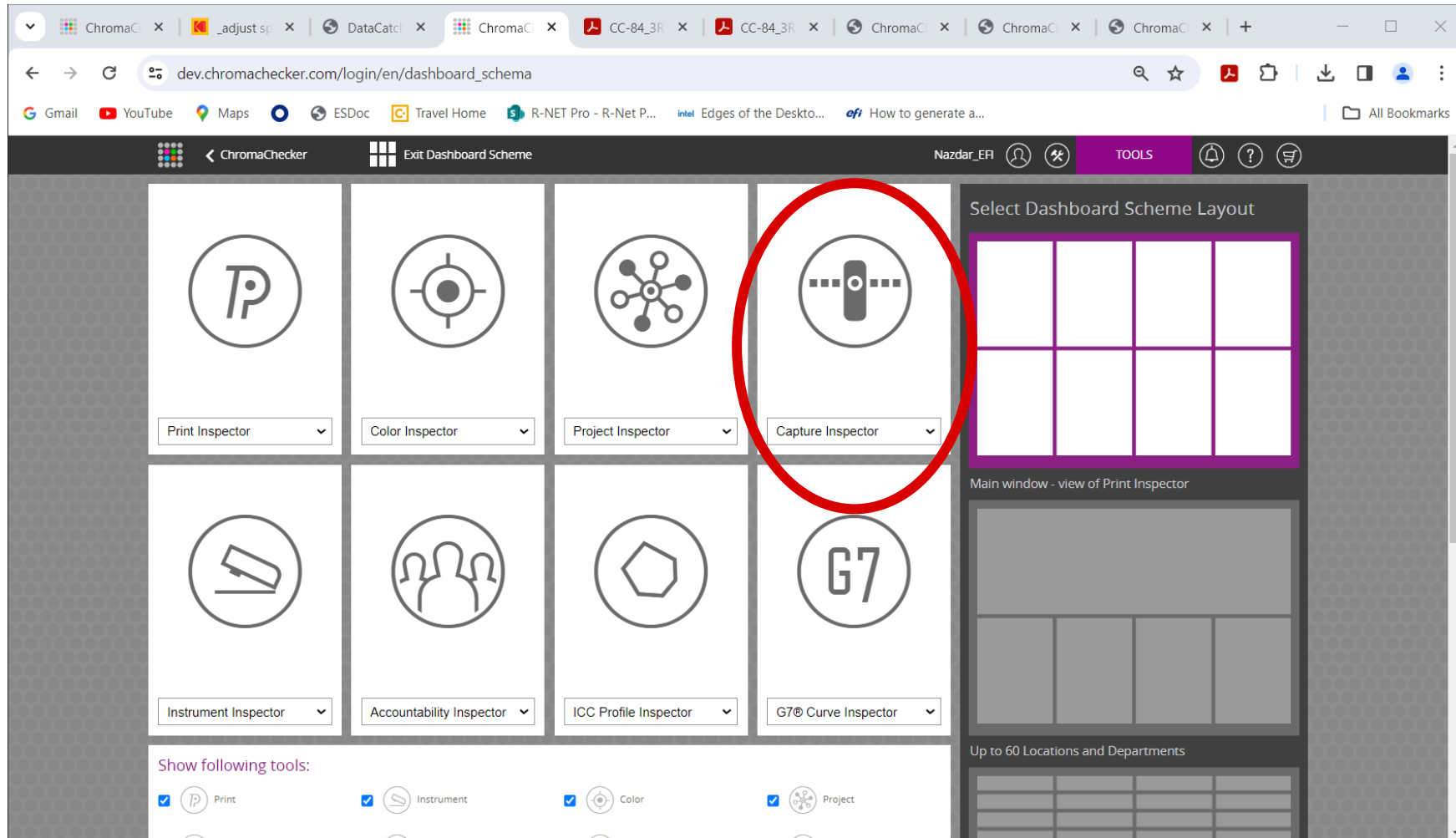


COLOR BAR EXERCISE

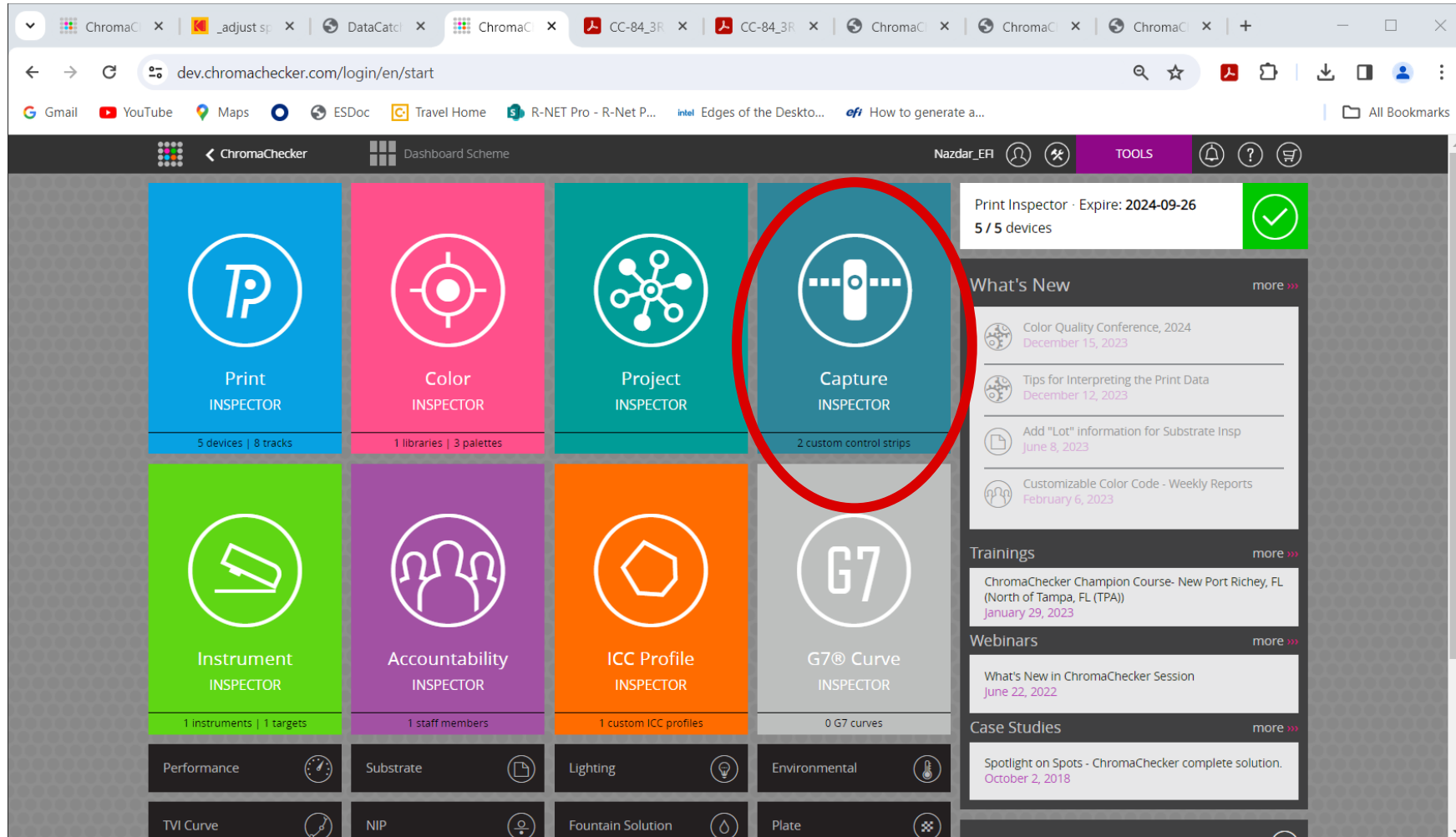
CAPTURE INSPECTOR AND CHROMACHECKER CAPTURE

NAZDAR

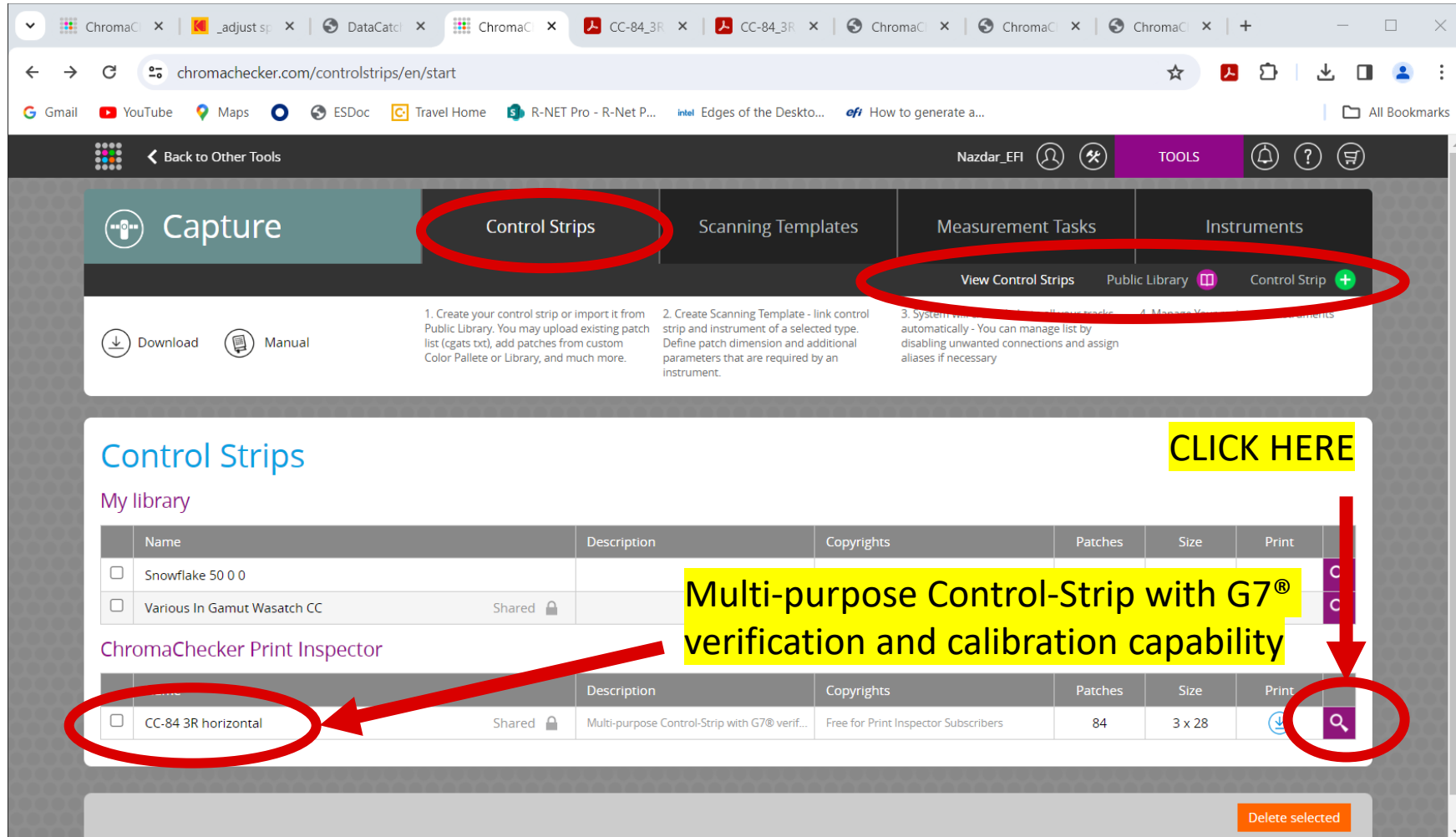
House-Keeping – feel free to rearrange your Dashboard Scheme



Click Capture Inspector



Bold white text indicates your location – Control Strips / View Control Strips



CC-84 3R Horizontal is the only bar installed by default

Control strip parameters – 2 funtions

dev.chromachecker.com/controlstrips/en/show/Nazdar_EFI/3366

Back to Control Strips Nazdar_EFI TOOLS

Duplicate 2 **CLICK HERE**

CC-84 3R horizontal

General Informations		Description		Export	
Vendor	ChromaChecker Print Inspector	Description	Multi-purpose Control-Strip with G7® verification and calibration capability	File format	ChromaChecker CGATS
Link	http://download.chromachecker.com/controlstrips/CC-84_3R.zip				DOWNLOAD
Copyrights	Free for Print Inspector Subscribers				
Created					
Modified					
Patches	84				
Grid	3 x 28				

1

Patch grid

Patch list

TIP: Sort multiple columns simultaneously by holding down the Shift key and clicking a second, third or even fourth column header!

ID	Type								
1	CMYK	C	100.00	M	0.00	Y	0.00	K	0.00
2	CMYK	C	49.80	M	30.59	Y	40.00	K	0.00
3	CMYK	C	25.10	M	14.51	Y	18.82	K	0.00
4	CMYK	C	0.00	M	100.00	Y	0.00	K	0.00

Edit appears – click it

The screenshot shows a web browser window with the URL `dev.chromachecker.com/controlstrips/en/show/Nazdar_EFI/3376`. The page title is "CC-84 3R horizontal". The "Edit" button is highlighted with a red dashed box, and a yellow callout box with the text "CLICK HERE" and a red arrow points to it.

General Informations

Vendor	ChromaChecker Print Inspector
Link	http://download.chromachecker.com/controlstrips/CC-84_3R.zip
Copyrights	Free for Print Inspector Subscribers
Created	2024-01-26 10:06:16
Modified	2024-01-26 10:06:16
Patches	84
Grid	3 x 28

Description

Description: Multi-purpose Control-Strip with G7® verification and calibration capability

Export

File format: ChromaChecker CGATS

DOWNLOAD

Patch grid

Patch list

TIP: Sort multiple columns simultaneously by holding down the Shift key and clicking a second, third or even fourth column header!

ID	Type	C	M	Y	K
1	CMYK	100.00	0.00	0.00	0.00
2	CMYK	49.80	30.59	40.00	0.00
3	CMYK	25.10	14.51	18.82	0.00
4	CMYK	0.00	100.00	0.00	0.00

Duplicated Control Strip – 10 Functions appear

Vendor: ChromaChecker Print Inspector

Print: http://download.chromachecker.com/controlstrips/C

Description: Multi-purpose Control-Strip with G7® verification and calibration capability

Copyrights: Free for Print Inspector Subscribers

Rows: 3

Save

Patch grid

Transform: [Icons]

Patch list

ID	Type	Special	C	M	Y	K
1	CMYK	-	100.00	0.00	0.00	0.00
2	CMYK		49.80	30.59	40.00	0.00
3	CMYK		25.10	14.51	18.82	0.00
4	CMYK	-	0.00	100.00	0.00	0.00
5	CMYK		12.55	12.16	12.16	0.00
6	CMYK		49.80	40.00	30.59	0.00
7	CMYK		0.00	0.00	100.00	0.00

Add 3 Spots – click “save” Discuss all options

dev.chromachecker.com/controlstrips/en/add

Back to Control Strips Nazdar_EFI TOOLS

Upload Add Library Add Substrate Add CMYK Add Spot Add RGB Add L*a*b* Add DUD Scramble Reset

Edit Control Strip

Control Strip Info

Name: CC-84 3R horizontal

Vendor: ChromaChecker Print Inspector

Print: http://download.chromachecker.com/controlstrips/C

Description: Multi-purpose Control-Strip with G7® verification and calibration capability

Copyrights: Free for F

Control Strip Layout

Patches: 87

Rows: 3

Patch grid

Transform: [Icons]

ADD DUD for geometry

CMYK

Custom Spot 3 RGB: #548dd4

Custom Spot 2 RGB: #078ed2

Custom Spot 1 RGB: #dc802f

Theme Colors

Standard Colors

Web Colors History: #dc802f #ffff00

Various slur bars

Save

Patch list

ID	Type	Special	Tint
1	Custom Spot 3	vertical sl	100
2	Custom Spot 2	-	100
3	Custom Spot 1	-	100

Control Strips are text files – you can download, edit or create new in a text editor

The screenshot shows a web application interface with a toolbar containing buttons for 'Upload', 'Add Library', 'Add Substrate', 'Add CMYK', 'Add Spot', 'Add RGB', 'Add L*a*b*', 'Add DUD', 'Scramble', and 'Reset'. The 'Upload' button is circled in red. Below the toolbar is a Notepad window titled 'SCCA_ChromaChecker (3).txt - Notepad'. The text in the Notepad window is as follows:

```

ORIGINATOR "ChromaChecker"
DESCRIPTOR "GRACoL2006_Coated1 modified by ChromaChecker substrate-corrected colorimetric aim tool"
CREATED "2024-01-18"
INSTRUMENTATION ""
NUMBER_OF_FIELDS 11
BEGIN_DATA_FORMAT
SAMPLE_ID CMYK_C CMYK_M CMYK_Y CMYK_K XYZ_X XYZ_Y XYZ_Z LAB_L LAB_A LAB_B
END_DATA_FORMAT
NUMBER_OF_SETS 1617
BEGIN_DATA
1 0 100 20 0 28.72 14.88 5.95 45.47 68.99 22.73
2 0 85 20 0 31.78 18.60 7.56 50.22 59.99 23.95
3 0 70 20 0 36.43 24.67 10.04 56.76 47.89 26.29
4 0 55 20 0 42.02 32.39 13.03 63.66 35.75 29.21
5 0 40 20 0 48.11 41.15 16.25 70.28 24.70 32.36
6 0 30 20 0 52.86 48.01 18.58 74.83 17.75 34.88
7 0 20 20 0 58.14 55.79 21.10 79.49 10.86 37.64
8 0 10 20 0 63.76 64.09 23.66 84.01 4.56 40.49
9 0 0 20 0 69.76 73.18 26.34 88.53 -1.66 43.49
10 0 100 10 0 28.80 14.79 6.80 45.35 69.81 18.71
11 0 85 10 0 32.01 18.61 8.72 50.23 60.77 19.57
12 0 70 10 0 36.83 24.81 11.67 56.89 48.66 21.42
13 0 55 10 0 42.63 32.69 15.22 63.91 36.53 23.88
14 0 40 10 0 49.01 41.71 19.06 70.67 25.48 26.66
15 0 30 10 0 53.92 48.72 21.87 75.28 18.54 28.86
16 0 20 10 0 59.44 56.73 24.93 80.03 11.69 31.30
17 0 10 10 0 65.31 65.30 28.01 84.64 5.37 33.94
18 0 0 10 0 71.60 74.67 31.27 89.24 -0.79 36.66
19 0 100 0 0 28.78 14.66 7.73 45.16 70.58 14.57
    
```

The status bar at the bottom of the Notepad window shows 'Ln 1, Col 1', '100%', 'Windows (CRLF)', and 'UTF-8'.

Public Library – 2 functions “inspect” & “import”

The screenshot shows the 'Public Library' section of the ChromaChecker web application. The interface includes a navigation bar with tabs for 'Capture', 'Control Strips', 'Scanning Templates', 'Measurement Tasks', and 'Instruments'. The 'Public Library' tab is active, displaying a table of control strips. A red circle highlights the 'Public Library' tab, and another red circle highlights the 'inspect' icon (magnifying glass) in the right-hand column of the table. A third red circle highlights the 'import selected' button at the bottom left of the table.

Control Strip	View Control Strip	Public Library	Control Strip
<input type="checkbox"/> 2-Spots placeholder 6 Color ECG_G7_1R			1 x 75
<input type="checkbox"/> 3-Spots placeholder 3		14	1 x 14
<input type="checkbox"/> 3-Spots placeholder 5V		23	1 x 23
<input type="checkbox"/> 3-Spots placeholder ECG		47	1 x 47
<input type="checkbox"/> 3-Spots placeholder ECG-G7		80	1 x 80
<input type="checkbox"/> 4-Spots placeholder 3		18	1 x 18
<input type="checkbox"/> 4-Spots placeholder 5S		26	1 x 26
<input type="checkbox"/> 4-Spots placeholder 5V		30	1 x 30
<input type="checkbox"/> CC-224 CMYK		224	16 x 14
<input type="checkbox"/> CC-252 ISis		270	9 x 30
<input type="checkbox"/> CC-286		286	26 x 11
<input type="checkbox"/> CC-400-CMYK (392)		392	14 x 28
<input type="checkbox"/> CC-400-CMYK (406)		406	29 x 14
<input type="checkbox"/> CC-400-RGB (392)		392	14 x 28
<input type="checkbox"/> CC-400-RGB (406)		406	29 x 14
<input type="checkbox"/> CC-84 3R horizontal	Multi-purpose Control-Strip with G7® verif...	Free for Print Inspector Subscribers	84 3 x 28
<input type="checkbox"/> CC-84 ISis	Multi-purpose Control-Strip with G7® verif...	Free for Print Inspector Subscribers	90 3 x 30
<input type="checkbox"/> CC-84 1R	Multi-purpose Control-Strip with G7® verif...	Free for Print Inspector Subscribers	84 1 x 84
<input type="checkbox"/> CC-84 7R			84 7 x 12

Import selected

Add New Control Strip

The screenshot shows the 'Control Strips' management interface. At the top, there is a navigation bar with tabs for 'Capture', 'Control Strips', 'Scanning Templates', 'Measurement Tasks', and 'Instruments'. The 'Control Strips' tab is active, and a '+ Control Strip' button is highlighted with a red circle and a red arrow. Below the navigation bar, there are instructions for creating and managing control strips. The main content area displays two tables: 'My library' and 'ChromaChecker Print Inspector'. The 'My library' table contains three entries: 'CC-84 3R horizontal - Training', 'Snowflake 50 0 0', and 'Various In Gamut Wasatch CC'. The 'ChromaChecker Print Inspector' table contains two entries: '3-Spots placeholder ECG-G7' and 'CC-84 3R horizontal'. A 'Delete selected' button is located at the bottom right of the interface.

Click Here

Name	Description	Copyrights	Patches	Size	Print
<input type="checkbox"/> CC-84 3R horizontal - Training	Multi-purpose Control-Strip with G7® verif...	Free for Print Inspector Subscribers	87	3 x 29	
<input type="checkbox"/> Snowflake 50 0 0			1	1 x 1	
<input type="checkbox"/> Various In Gamut Wasatch CC	Shared		42	2 x 21	

Name	Description	Copyrights	Patches	Size	Print
<input type="checkbox"/> 3-Spots placeholder ECG-G7	Imported		80	1 x 80	
<input type="checkbox"/> CC-84 3R horizontal	Shared	Multi-purpose Control-Strip with G7® verif...	84	3 x 28	

Delete selected

10 Functions appear – Exact same functions from “Edit” control strip

The screenshot shows the 'Add new Control Strip' page in the ChromaChecker application. At the top, there is a toolbar with buttons for 'Upload', 'Add Library', 'Add Substrate', 'Add CMYK', 'Add Spot', 'Add RGB', 'Add L*a*b*', 'Add DUD', 'Scramble', and 'Reset'. Below this toolbar, a red arrow points to a set of 10 numbered buttons (1-10) that are highlighted in red. A yellow callout box with a red arrow pointing to button '2' contains the text 'CLICK ALL 10 Functions, add where possible'. The main form area is divided into three sections: 'Control Strip Info', 'Control Strip Layout', and 'nCLR Settings'. The 'Control Strip Info' section contains fields for Name, Vendor, Print, Description, and Copyrights. The 'Control Strip Layout' section contains a 'Patches' field with the value '0'. The 'nCLR Settings' section contains a dropdown menu for 'CMYK / nCLR ICC' with 'CMYK' selected. The footer of the page includes the ChromaChecker logo and '© 2024 ChromaChecker'.

Example Control Strip with every option

Example of all options added

Click Here

	ID	Type	Special	Spot name								
✖	1	DUD										
✖	2	LAB			L	40	a*	7	b*	7		
✖	3	RGB			R	50	G	40	B	30		
✖	4	Custom Spot 1	-		Time	100						
✖	5	CMYK	-		C	100	M	0	Y	0	K	0
✖	6	Substrate	-									
✖	7	Spot	-	ORS.54	Time	100						

Scanning Templates

The screenshot shows the Nazdar web application interface. The browser address bar displays `dev.chromachecker.com/controlstrips/en/templates`. The application has a dark header with a navigation bar containing 'Capture', 'Control Strips', 'Scanning Templates', 'Measurement Tools', and 'Reports'. The 'Scanning Templates' tab is highlighted with a red circle. Below the navigation bar, there are buttons for 'View Templates', 'Public Library', and 'Scanning Template +'. A red arrow points to the 'View Templates' button, which is also circled in red. A yellow box with the text 'Click Here' is placed over the arrow. The main content area displays three tables of scanning templates, each with columns for Name, Patch size, Separators, and Control Strip. The first table lists templates like 'CC84 3 Row 8 mm', 'CC84_1Row 5 mm', 'G7 Verifier 3mm', and 'P2P51 Horizontal'. The second table lists 'CC-84 IO' and 'P2P51 horizontal'. The third table lists 'CC-84 3R horizontal', 'CC84_3R', 'Idealliance G7 Verifier', 'Snowflake 50 0 0', and 'Various In Gamut Wasatch CC'. At the bottom of the page, there are buttons for 'Create multipage task' and 'Delete selected'.

Name	Patch size	Separators	Control Strip
CC84 3 Row 8 mm	8 x 8mm		CC-84 3R horizontal
CC84_1Row 5 mm	5 x 5mm		CC-84_1R
G7 Verifier 3mm	3 x 3mm	0.5 mm	G7 Verifier i1Pro
P2P51 Horizontal	8.2 x 7.5mm	0.8 mm	P2P51_Horizontal

Name	Patch size	Separators	Control Strip
CC-84 IO	8 x 10mm		CC-84 3R horizontal
P2P51 horizontal	8.2 x 7.5mm	0.8 mm	P2P51_Horizontal

Name	Patch size	Separators	Control Strip
CC-84 3R horizontal	6 x 6mm		CC-84 3R horizontal
CC84_3R	8 x 8mm		CC-84 3R horizontal
Idealliance G7 Verifier	7.5 x 8mm	0.5 mm	G7 Verifier i1Pro
Snowflake 50 0 0	20 x 20mm		Snowflake 50 0 0
Snowflake 50 0 0	6 x 6mm		Snowflake 50 0 0
Various In Gamut Wasatch CC	6 x 6mm		Various In Gamut Wasatch CC

Add new Scanning Template

Template settings

Template name


Instrument

Control Strip

Control Strip

Add horizontal white patches at beginning and at the end

Add vertical white patches at beginning and at the end



Instrument Specific

Patch Width [mm]

Patch Height [mm]

Horizontal Gap [mm]

Vertical Gap [mm]

Absolute coordinates for predefined positioning (optional)

X

Y



X

X

Scanning Template – Connect Control Strip to Instrument

The screenshot displays the 'Add new Scanning Template' configuration page in the Nazdar EFI software. The interface is organized into several sections:

- Template settings:** Includes a text input for 'Template name' (containing 'Training Template') and a dropdown for 'Instrument' (set to 'X-Rite 11iO 1').
- Control Strip:** Features a dropdown menu for 'Control Strip' (set to 'CC-84 3R horizontal - Training'). Below this are two checked checkboxes: 'Add horizontal white patches at beginning and at the end' and 'Add vertical white patches at beginning and at the end'. A color calibration chart is shown below the checkboxes.
- Instrument Specific:** Contains several input fields:
 - Virtual Control Strip
 - Patch Width [mm]: 8
 - Patch Height [mm]: 8
 - Horizontal Gap [mm]: 1
 - Vertical Gap [mm]: 0
- Positioning:** Labeled 'Absolute coordinates for predefined positioning (optional)', it includes X and Y coordinate input fields. A 'SCHEMATIC EXAMPLE OF THE TEST CHART' is shown with red circles indicating the corners of the chart area.

A purple 'SAVE' button is located at the bottom center of the form.

Measurement Tasks

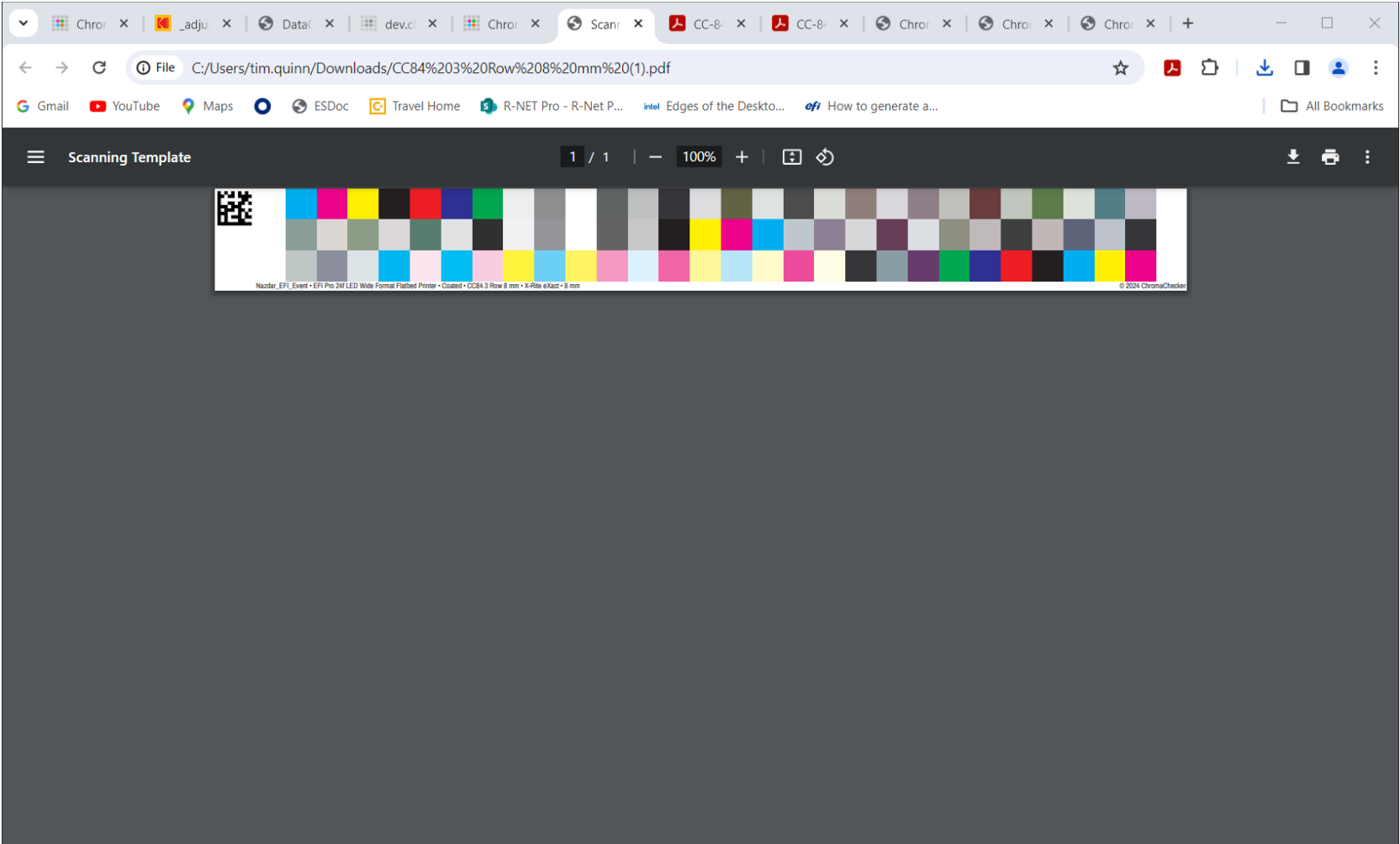
The screenshot shows the 'Measurement Tasks' section of the Nazdar EFI software. The interface includes a navigation bar with 'Capture', 'Control Strips', 'Scanning Templates', 'Measurement Tasks', and 'Instruments'. Below this is a 'Print Inspector' section with a table of instrument configurations. The table has columns for Track, Instrument Type, Scanning Template, Control Strip, Bar Code, and Alias. A 'Download' button is visible at the bottom of the table.

Track	Instrument Type	Scanning Template	Control Strip	Bar Code	Alias
<input type="checkbox"/> Coated	SpectroDens	CC84 3 Row	CC-84 3R horizontal	*P048Q0AW00BQC*	
<input type="checkbox"/> Coated	11 Pro	CC84_3R	CC-84 3R horizontal	*P048Q0AW00BQ2*	
<input type="checkbox"/> Coated	eXact	CC84 3 Row 8 mm	CC-84 3R horizontal	*P048Q0AW00BQ4*	
<input type="checkbox"/> Coated	1110	CC-84 IO	CC-84 3R horizontal	*P048Q0AW00BQ8*	
<input type="checkbox"/> Coated	ISIS	ISIS_CC84_3R	CC-84 3R horizontal	031C0202P048Q0AW00BQ7*1268	
<input type="checkbox"/> Snowflake 50 0 0	SpectroDens	CC84 3 Row	CC-84 3R horizontal	*P048Q0BBE0BQC*	
<input type="checkbox"/> Snowflake 50 0 0	11 Pro	CC84_3R	CC-84 3R horizontal	*P048Q0BBE0BQ2*	
<input type="checkbox"/> Snowflake 50 0 0	eXact	CC84 3 Row 8 mm	CC-84 3R horizontal	*P048Q0BBE0BQ4*	
<input type="checkbox"/> Snowflake 50 0 0	1110	CC-84 IO	CC-84 3R horizontal	*P048Q0BBE0BQ8*	
<input type="checkbox"/> Snowflake 50 0 0	ISIS	ISIS_CC84_3R	CC-84 3R horizontal	031C0202P048Q0BBE0BQ7*1269	
<input type="checkbox"/> Snowflake 50 0 0 Track Template	11 Pro	CC84_3R	CC-84 3R horizontal	*P048Q0BBM0BQ2*	

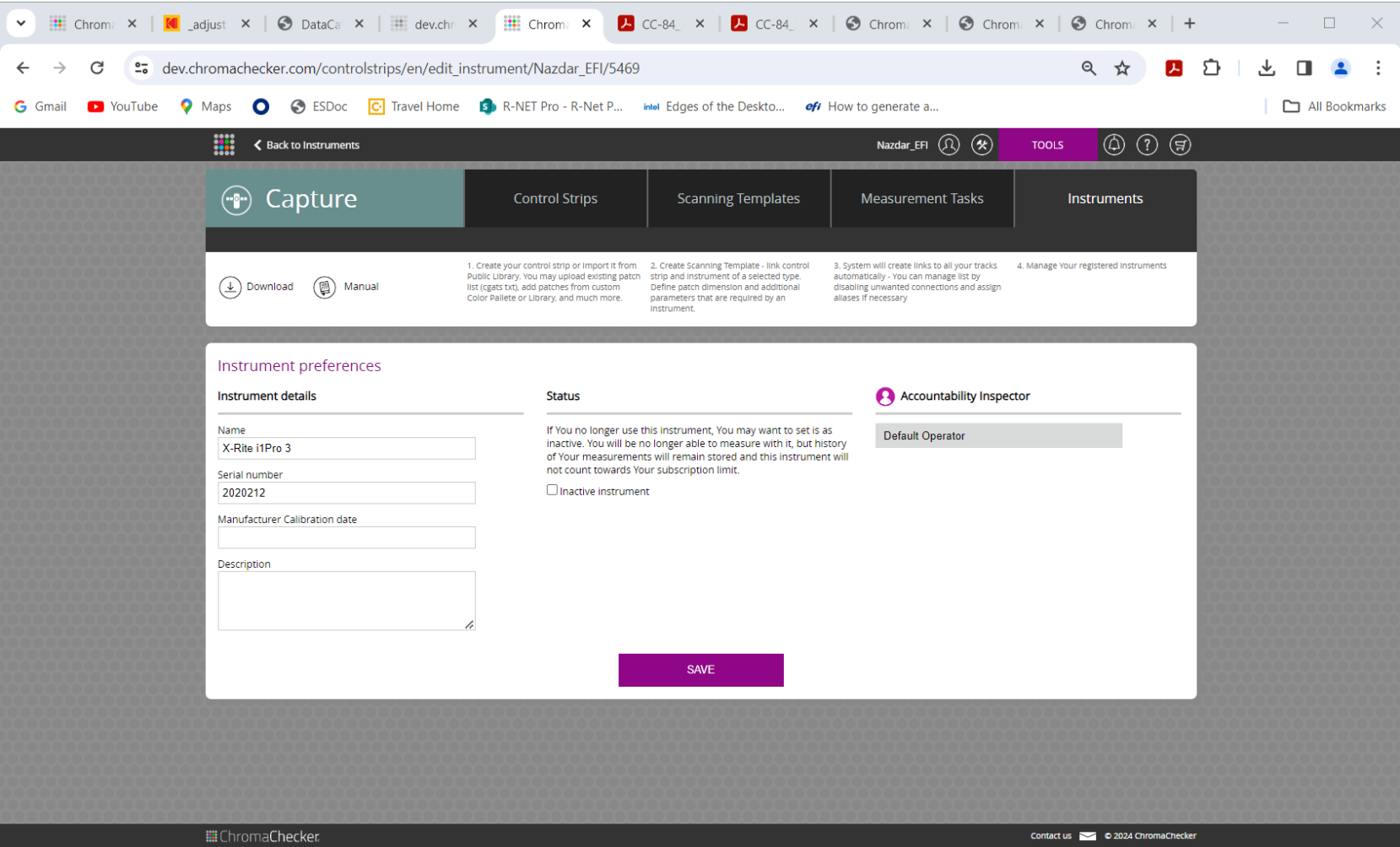


Create bar codes for Capture to automatically retrieve track

Scannable bar code



Insturements



Current list of active Instruments

ChromaChecker Capture

The screenshot displays the 'ChromaChecker Capture' application window. The interface includes a menu bar (File, Edit, Tools) and a toolbar with various icons. On the left, a list of printer models is shown, including 'EFI Pro 24f LED Wide Format Flatbed Printer', 'EFI Pro 30f Wide Format Inkjet Printer', 'EFI VUTEk 32h LED Hybrid Inkjet Printer', 'EFI VUTEk GS3250x Pro Superwide Inkjet Printer', and 'EFI VUTEk h5 Superwide Hybrid Inkjet Printer'. The 'EFI VUTEk 32h LED Hybrid Inkjet Printer' is selected, showing settings for 'Track' (Coated) and 'Template' (Training Spot Bar). A red arrow points to the 'Job Name' field.

A yellow text box with a red arrow pointing to the 'Track' dropdown contains the text: **Spot definition come from Track "Spot reference source"**. Below this, the 'Spot placeholders setup' section shows three placeholder dropdowns and a color palette grid. A second red arrow points from the yellow box to the 'Spot reference source' dropdown in the 'Spot Colors and nCLR' dialog box.

The 'Spot Colors and nCLR' dialog box is open, showing the 'Spot reference source' dropdown set to 'Prioritize Palette an...', the 'Color Palette' dropdown set to 'Various Pantones In ...', and the 'Color Library' dropdown set to '-'. The 'Print Inspector' logo and 'Projects' tab are visible at the top of the dialog. At the bottom of the main window, a 'Capture' button is highlighted in purple.

At the bottom right of the application window, the version information 'ver: 2.2.0v849 Open Beta 2' is displayed.

SPOT embedded in PDF – assign at RIP

The screenshot shows a PDF viewer interface with a 'Training Spot Bar' at the bottom of the page. The bar consists of a grid of colored squares representing different printing spots. An 'Output Preview' panel is open on the right, showing simulation settings for 'U.S. Web Coated (SWOP) v2'. The 'Simulate' section includes checkboxes for 'Simulate Overprinting' (checked), 'Simulate Paper Color', 'Simulate Black Ink', and 'Set Page Background Color'. The 'Show' section includes a 'Show:' dropdown set to 'All' and a 'Warning Opacity' of 100%. The 'Separations' section shows a list of color plates with their respective area coverage percentages.

Name	Area Coverage
Process Plates	
Process Cyan	0%
Process Magenta	0%
Process Yellow	0%
Process Black	100%
Spot Plates	
Spot 3	0%
Spot 2	0%
Spot 1	0%
Total Area Coverage	100%

Channel Editor – Used for Non CMYK workflows i.e. ECG

The screenshot displays the 'ChromaChecker Capture' application window. The interface includes a menu bar (File, Edit, Tools), a printer selection sidebar on the left, and a main control area. The printer selected is 'EFI VUTEk h5 Superwide Hybrid Inkjet Printer'. The main area features a 'Print Inspector' toolbar with icons for print, measure, and other functions. Below the toolbar, there are configuration fields for 'Project', 'Mode' (set to Spot), 'Track' (set to Coated), 'Template' (Idealliance ECG Digital Cont), 'Job Name', 'Customer', and 'Sheet nr' (1). The 'Channel Editor' section is prominent, showing seven channels: Channel 1 (C), Channel 2 (M), Channel 3 (Y), Channel 4 (K), Channel 5 (Orange), Channel 6 (Green), and Channel 7 (Violet). Each channel has a corresponding color swatch and a dropdown menu. Below the channel settings is a grid of 48 color patches. At the bottom, there are navigation buttons for 'Capture', 'Timeline', 'Inkzones', and 'Summary', along with a status bar showing 'ver: 2.2.0v849 Open Beta 2'.