# <u>ANEXO I</u>

# **BARRA DE HERRAMIENTAS Y MENÚS**

A lo largo de este anexo se indican los distintos menús y botones de herramientas de los que disponemos en los programas.

# **DMCplus Model**

## **BARRA DE MENÚS**

File
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T IIC	
New Project	Create a new Model project (with the extension *.dpp).
Open Project	Open an existing project.
Close Project	Close the current project but leave Model open.
Save Project	Store the project.
Save Project As	Save the project under a new name.
Import	Import various objects.
Export (Slices and Formulas)	Export various objects.
Page Setup	For printing, change page options: margins, layout, numbers, and
	headers/footers,
Print	Create a hard copy.
Print Preview	View a copy on-screen before printing it.
Print Setup	Change printer settings.
Exit	Close Model.

### Edit

Сору	Create a duplicate of a selected object.
Paste	Paste the duplicated object.
Select All	Highlight all available objects.
Find Vectors	Locate a vector.
Tag Properties	View/modify tag properties.
Bad Slices	View/modify bad data slices.
Go To	Go to the indicated independent/dependent variable pair.
Next Page	Move to the next screen in a view.
Previous Page	Move to the previous screen in a view.
Table of Contents	View the table of contents for a report view.
Make List	Create a new list using the selected object(s).
Report/List Properties	View report or list properties.
Font	Change the font for the active view.
Mark Bad Slice	Identify bad data slices.
Edit Bad Slice	Edit bad data slices.

Get Curve	Get a curve from a source model and place it in the target model.
Put Curve	Put a curve from a source model into a target model.
Curve Operations	Perform various operations on a curve.
Delete Curve	Remove a selected curve from a model.
Refresh	Regenerate the selected object (usually recalculates a model's curves)
Copy Steady-State Gain	Copy the steady-state gain matrix onto the clipboard. Available from
	the Model view only.

#### View

New Project Outline	Display a copy of the project view.
New Vector Plot	Display a vector plot view.
New Model Plot	Display a model plot view.
New Report	Display a report view.
Show/hide	Display or hide tool bars (Main, Project) and the status bar.

#### Project

Expand/Collapse	Open or close the selected part of the project outline tree.
New	Create a new object.
Сору	Duplicate an existing object.
Delete	Remove an existing object.
Make New List	Create a new list using the selected object(s).
View	Display a view of the selected object(s).
Run	Run/recalculate the selected object.
Reassemble	Update (recalculate) the selected assembled model.
Export	Create an external file of the selected object(s), for import into another
	project.
Properties of	Display the properties of the selected object(s).

#### Format

Colors and Fonts	Change colors/fonts for a view.
Show Legend	Display a legend for a view.
Show Grid	Display a grid for a view.
Show Description	Display a description for a view.
Show X-Scale	Display the X-Scale for a view.
Show Y-Scale	Display the Y-Scale for a view.
Show Tooltips	Display information under the cursor point for a view.
Show Time Coordinates	Display the time coordinates for a view. Toggles with Show Sample
	Number Coordinates.
Show Sample Number Coordinate	s Show the sample number coordinates for a view. Toggles

with Show Time Coordinates.

Set Plots Per Page	Change the number of plots shown in a view.
Set Transform Flag	Show a vector as transformed or untransformed.
-	
Range	
Set	Indicate a new range.
Full Width	Show the full range.
Zoom In	View a smaller time range in more detail.
Zoom Out	View a larger range in less detail.
Scale	
Auto	Set the scale so that the tick marks along the Y-axis are reasonably
	whole easily readable numbers.
Common	Set the scaling limits near the min and max vector values in the
	displayed sample range; this function imposes the same scale on all
	vectors in the display and allows for direct comparison of similar
	vectors.
Distributed	Spread the vectors in multi-plot displays vertically across the screen
	so that each vector is displayed in a separate region of the screen with
	no overlap.
Min/Max	Set the scaling range at the minimum and maximum values in the
	vector.
Set	Display the Set Scale dialog box. The current tag is selected; enter a
	Minimum and Maximum value.
Typical Moves	Display the model plot using the typical moves indicated for each tag
	name.
Move Sizes	Show a Move Size dialog box for selecting a tag name on the plot and
	changing its typical move value.
<b>T</b> 1	
1 001S	Diaplay the Formula Editor
Pormula Editor	Change verieus project related entiens
Options	Change various project-related options.
Window	
CascadeTileArrange Icons	Select standard display functions for windows in the work area; see
	your Windows documentation for details. Also, choose a window
	from the list of open windows to activate one in the work area.
Help	
Help Topics	
DMCplus Reference	
Entry Dictionary	

Technical Support

About DMCplus Model

## **BARRA DE HERRAMIENTAS**

	Create a New Object: create new objects of the type currently selected, either vectors,
	vector lists, cases, case lists, models, model lists, predictions, or general lists.
	Duplicate Current Object: select an existing vector, vector list, case, case list, model
(Control of	(only for assembled models), model list, prediction, or general list and create a copy of
	it.
×	Delete Current Object: remove a currently selected object, either a vector, vector list,
	case, case list, model, model list, prediction, or general list. You cannot delete an object
	if it is currently used by another object in the project.
	View Current Object: display a currently selected object, either a vector, vector list,
_	case, model, model list, prediction, or general list.
•	Execute: run a currently selected vector (calculated vectors only), vector list, case, case
20	list, model (only for assembled models), model list, or prediction.
<b>*</b>	Export: create an external file of information for a currently selected vector, vector list.
	case, case list, model, model list, or general list.
m	Edit Properties of Current Object: show the properties dialog box for a selected object,
	either a vector, vector list, case, case list, model, model list, prediction, or general list.
隐	New Project Outline: open a new project view.
	New Vector Plot: plot the vectors in an existing vector plot view or create a new one
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# **DMCplus Build**

### BARRA DE MENÚS

#### File

Choose New (create a new controller configuration file, or CCF)

Open (open an existing CCF with the extension .ccf, or template configuration with the extension .tcc)

Close (shut down the active window in the work area)

Save

Print Setup

Print.

#### Edit

Cut/Copy/Paste Insert Variable Insert Copied Entry Add Variable Add Entry Delete Rename

#### View

Show/hide the Toolbar or Status Bar Show Entries (All, Required, Optional, Completed, Bad, or Not Used) Long or Short of the Entity Format.

#### Tools

Display the Entry Editor Entry Replacement dialog Tag Wizard Validity Check on a CCF

#### Window

Standard display functions for windows Choose a window from the list

#### Help

Build help Search for Help On to locate a specific help topic Entry Dictionary help Technical Support, About DMCplus Build.

# BARRA DE HERRAMIENTAS

	New: create a new CCF.
2	Open: open an existing CCF or TCC.
	Save: save a CCF or TCC.
	Options: display the Options dialog.
l=	Entry Editor: display the Entry Editor.
R	Entry Replacement: display the Entry Replacement dialog.
J.	Tag Wizard: display the Tag Wizard.
VAL	Validate: run the Validity Check on a CCF or TCC.
<b>&amp;</b>	Launch Simulate: launch DMCplus Simulate with the current CCF loaded.
9	Print: print a report on a CCF.
VAR	Add Variable: add an independent (MV or FF) or dependent variable (CV).
<b>X</b> RB	Delete Variable: delete a selected independent or dependent variable.
ENT	Add Entry: add a user-defined entry.
ENT	Delete Entry: delete a user-defined entry.
ALL	View All: show all entries.
REQ	View Required: show only required entries.
OPT	View Optional: show only optional entries.
0K 125	View Complete: show only completed entries.
BAD	View Incomplete: show only incomplete entries.
NON	View Keyword None: show only entries with None as a keyword.
EMT	Format: show only entries with None as a keyword.

# **DMCplus Simulate**

## **BARRA DE MENÚS**

#### File

New (create a new simulate file using a CCF) Open (open an existing simulate file with the extension .psm) Close (shut down the program) Save Save As Page Setup Print Print Preview Print Setup Exit (quit DMCplus Simulate)

#### Edit

Cut, Copy, or Paste Options Colors and Fonts.

View Show/Hide Display a New Trend or New Table

#### Controller

Step Run Pause Run Mode Options General Subcontrollers Edit Plant Model Edit Controller Model Closed Loop Initialize Predications Internal Variables Update Configuration Create Report File Export History to File/Clipboard Change Solution Type for Rank Groups. Scale (only if a trend window is active) Auto Extended User Set.

#### Window

Standard display functions

#### Help

Simulate help Help On to locate a specific help topic DMCplus Reference help Technical Support About DMCplus Simulate.

## **BARRA DE HERRAMIENTAS**

<u> </u>	New: create a new simulation file (.psm) using an existing CCF.
È	Open: open an existing .psm.
B	Save: save a .psm.
¥	Cut: standard Windows Cut function.
6	Copy: standard Windows Copy function.
ß	Paste: standard Windows Paste function.
9	Print: standard Windows Print function.
8	Help: display a help file on using Simulate.
1	Closed Loop: turn on/off closed loop mode for the simulation.
	Init Predictions (next cycle): initialize controller and simulation predictions on the next cycle.
*	Run Simulation One Cycle: run the simulation for one cycle (step) then stop.
	Run Simulation Continuously: run the simulation until you select Pause.
-	Pause Simulation: stop a running simulation.
< M	Add Noise: enable/disable noise in the simulation.