

Thin Film Measurement solution Software, sensors, custom development and integration

1. IMPORTING FILMSTACK

👫 TFCompanion: Thin-film	measur	ement & an	alysis (C)2001-2009							
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1. Select Tools/Library Manager

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😰 Help		Import Data Find
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O Measurement	Owner Admin_hw	Access public access 💌
O Calculation Recipes		

2. Library dialog is displayed. Select Find icon to locate archive .



3. When prompted – select repository type (zip).

🌃 Search Im	port Text Archive		×				
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		Open	Cancel				

4. Navigate file directory to zip archive.

👫 Library Dialog		
× Close	Data Location	#
🕜 Help		PR_S1813_downK
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Name		
15000nit_7800ox	Add To Library	Click on record to toggle select/unse Selected records have indicated by (
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O Measurement	Owner Admin_hw	Access public access 💌
Calculation Recipes		

5. Repository is opened and filmstacks are displayed. Select the filmstack you want to import.



6. When prompted – select Filmstack type. You will see the message that filmsatck is imported. Close Library dialog.

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PR_51913 B Delta V	
Raytheon in Colored Antice Ant	
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7. You are returned back to main screen. If you do not imported filmstack in the filmstacks list – right-click and select "Refresh"

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Polymer_2 Polymer_adhesive	4				Delta		•			
Polymer_adhesive_2	5				Delta		-			
Polymer_P1	6				Delta		-			
Polymer_P2_adhesive	7				Delta		•			
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PR 51813 down	0				Delta		-			
PR_S1813_downK	10				Delta		-			
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	13				Delta		-			
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Calculation Recipes										

8 Imported filmstack appeared are refresh. Double-click the filmstack record to load.

F TFCompanion:Thin-film measurement & analysis (C)2001-2009										
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Polymer_adhesive_2	5				Delta		-			
Polymer_P1	6				Delta		-			
Polymer_P2_adhesive	7				Delta		*			
PR 51813	8				Delta		-			
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🔿 Materials	13				Delta		-			
Measurement Recipes	14				Delta		-			
O Measurement	15				Delta		•			
Calculation Recipes										

9 Filmstack is now loaded.

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ADDING FILMSSTACK TO RECIPE (OPTIONAL FOR CONVENIENCE)

When filmstack is added to a measurement recipe – it is automatically loaded with the recipe. (alternatively, you need to load recipe and filmstack separately)

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Test_calculate0	3				Delta		•			
Test_calculation	4				Delta		-			
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 Calculation Recipes 										

1. Right-click on the recipe record (Vis-refl_calc) and select Review recipe

🕼 Measurement Recipes		
Save Close Help Filmstacks Materials Mane Recipes Library Calib_refi O_Lest_recipe refl_zspecs_test refl_cak refl_channel_1 refl_raw refl_test_calib Test_calculate0 T	Spectrum Definition \ Measurement Conditions \ Spectrum Definition Variable Spectral Variable Fixed Variable Angle O Spectral Range Min Max Pts 450 1000.0 1101.0 Pts Kclude ranges: Measured Parameter Reflectance	Filmstack
Attributes Target Hardware any Recipe type Measurement Calibration Advanced Measurement Measure & calculate (NO filmstack attached) Measure & calculate (filmstack attached) Measure ONLY (NO calculation)	List of Measurements Add Remove	Selected Parameters Display Parameter Layer Value Calculated Image: Selected Selecte

2. Recipe dialog is displayed

🐺 Measurement Recipes		
	Spectrum Definition \ Measurement Conditions \ Spectrum Definition Variable Spectral Variable Wavelength Fixed Variable Angle	Filmstack
refl_raw refl_test_calib Test_calculate Test_calculate0 Test_calculation test_calibration Test_calibration_recipe	Measured Parameter Reflectance 💌	
Attributes		Selected Parameters Display Parameter Layer Value Offsets Text
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3. Select -Filmstack attached- option in Advanced measurement (left bottom corner)

Measurement Recipes		
Save Save Close Filmstacks Filmstacks Filmstacks Library Polyamide_on_glass_backs Polymer_adhesive Polymer_adhesive Polymer_P1 Polymer_P2_adhesive Polymer_P1 Polymer_P2_adhesive Polymer_P2 Pol	Spectrum Definition \ Measurement Conditions \ Spectrum Definition Variable Spectral Variable Wavelength value Fixed Variable Angle 0 Spectral Range Min Max Pts 450 1000.0 1101.0 Pts v Exclude ranges: Exclude ranges:	Filmstack
Measurement Recipes Refresh Attributes Refresh Target Hardware any any Image: Calibration Recipe type Image: Calibration Advanced Measurement Calibration Measure & calculate (NO filmstack attached) Image: Measure ONLY (NO calculation)	List of Measurements Add Remove	Selected Parameters Display Parameter Layer Value Calculated Image: Calculated Image: Calculated Image: Calculated Image: Calculated Offsets Image: Calculated Image: Calculated

4. Right-click on selected filmstack ans select "Set Filmstack"

JF Measurement Recipes		
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5. Filmstack is now set.

TF Measurement Recipes		
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6. Change the name of the recipe.

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Save current recipe to th	Variable	Ambient: Void.mat
Close		
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Filmstacks	Fixed Variable Angle	
Name PR_S1813_downK		
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Polymer_P1		
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7. Click Save -> this will save the recipe in the database.