

## Testing Plan & Report

Instrument: NanomegasDigistar ASTAR

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#	Procedure	Expected Result	Success	Notes
1	Start a fresh install & configuration. Start the <b>CRYSTO</b> software application	Present the main window. Start synchronise project profile	√	
2	When Project Update completed, request to start a new session with current instrument	The "Start a new session" dialog is shown on screen	√	
		All projects defined shown in drop-down list	√	
3	Change the selection of project	Project details are updated	√	
		Project technical metadata is editable	√	
4	Click the "Cancel" button	The instrument associated software (microscope software) is not launched	√	
5	Request to start a new session with current instrument	The "Start a new session" dialog is shown on screen	√	
6	Select " <i>-Not a registered research project-</i> " option and click "Launch" button	The instrument associated software is launched	√	
7	Produce research raw data and save to local disk, exit the instrument associated software	No automatic export or processing	√	
		Research data is not transferred to network storage	√	

#	Procedure	Expected Result	Success	Notes
8	Request to start a new session with current instrument	The “Start a new session” dialog is shown on screen	√	
9	Select a valid project option, enter technical metadata as requested	--		
10	Click “Launch” button	The instrument associated software is launched	√	
11	Produce research raw data and save to local disk, exit the instrument associated software	Data export is started automatically if enabled	--	Data Export is disabled
		When export completed, processing program is launched automatically if enabled	√	
		When processing program exit, a notify dialog is shown on screen, suggesting the data acquisition is completed.	√	
12	Check the network storage, find the session folder as noticed on notify dialog	All research data files are transferred to network storage	√	If researcher did not export to .ang file, no .ctf file produced
		A session exchange file named “METADATA.ini” exists in session folder.	√	
		Session exchange file contains all technical metadata entry	√	