

SmartPRO

Experience more advanced & automated SIMS data processing!



Pos	XmmZu	[Z adjust]	[Holder]	Sample	[ISF]	Recipe	Data File	[Folder]	[Data treatment]	[Control]	Status	[Proc. Result]
1	-40.170; -0.433; 2160	Yes	2Sholes@2	Si(BF2)03@1		Si(BF2)500V.rdp	Si(BF2)03@1_20200819_01	test1	<implant>	Si(BF2)500V.dsp_brpcp	16:40:53.Ok	*** 11B. 118R
2	-40.170; 0.065; 2160	Yes	2Sholes@2	Si(BF2)03@1		Si(BF2)500V.rdp	Si(BF2)03@1_20200819_02	test1	<implant>	Si(BF2)500V.dsp_brpcp	16:52:33.Ok	*** 11B. 118R Rp: 5.01 Cp: 5.391e+20
3	-40.170; 0.955; 2160	Yes	2Sholes@2	Si(BF2)03@1		Si(BF2)500V.rdp	Si(BF2)03@1_20200819_03	test1	<implant>	Si(BF2)500V.dsp_brpcp	17:04:07.Ok	*** 11B. 118R Dose: 1.688e+15 Th: 1.000 Ith: 2.229.70 Sr: 0.9073
4	-58.055; -15.280; 2170	Yes	2Sholes@2	Si(BF2)03@2		Si(BF2)500V.rdp	Si(BF2)03@2_20200819_01	test1	<implant>	Si(BF2)500V.dsp_brpcp	17:15:42.Ok	*** 11B. 118R Rf: 1.176e+22
5	-58.055; -14.780; 2170	Yes	2Sholes@2	Si(BF2)03@2		Si(BF2)500V.rdp	Si(BF2)03@2_20200819_02	test1	<implant>	Si(BF2)500V.dsp_brpcp	17:27:16.Ok	*** 11B. 118R
6	-58.055; -14.280; 2170	Yes	2Sholes@2	Si(BF2)03@2		Si(BF2)500V.rdp	Si(BF2)03@2_20200819_03	test1	<implant>	Si(BF2)500V.dsp_brpcp	17:38:50.Ok	*** 11B. 118R
7	-26.535; -17.245; 2160	Yes	2Sholes@2	Si(BF2)03@3		Si(BF2)500V.rdp	Si(BF2)03@3_20200819_01	test1	<implant>	Si(BF2)500V.dsp_brpcp	17:50:25.Ok	*** 11B. 118R
8	-26.535; -17.245; 2160	Yes	2Sholes@2	Si(BF2)03@3		Si(BF2)500V.rdp	Si(BF2)03@3_20200819_02	test1	<implant>	Si(BF2)500V.dsp_brpcp	18:02:02.Ok	*** 11B. 118R Stat x1: 0.21 Stat x2: 220.88
9	-26.535; -16.745; 2160	Yes	2Sholes@2	Si(BF2)03@3		Si(BF2)500V.rdp	Si(BF2)03@3_20200819_03	test1	<implant>	Si(BF2)500V.dsp_brpcp	18:13:37.Ok	*** 11B. 118R Stat min: 8.902e+17 Stat max: 7.653e+19 Stat surface: 1.699e+15
10	-28.045; 14.185; 2140	Yes	2Sholes@2	Si(BF2)03@4		Si(BF2)500V.rdp	Si(BF2)03@4_20200819_01	test1	<implant>	Si(BF2)500V.dsp_brpcp	18:25:15.Ok	*** 11B. 118R
11	-28.045; 14.685; 2140	Yes	2Sholes@2	Si(BF2)03@4		Si(BF2)500V.rdp	Si(BF2)03@4_20200819_02	test1	<implant>	Si(BF2)500V.dsp_brpcp	18:36:49.Ok	*** 11B. 118R
12	-28.045; 15.185; 2140	Yes	2Sholes@2	Si(BF2)03@4		Si(BF2)500V.rdp	Si(BF2)03@4_20200819_03	test1	<implant>	Si(BF2)500V.dsp_brpcp	18:48:23.Ok	*** 11B. 118R
13	-56.900; 14.935; 2140	Yes	2Sholes@2	Si(BF2)03@5		Si(BF2)500V.rdp	Si(BF2)03@5_20200819_01	test1	<implant>	Si(BF2)500V.dsp_brpcp	19:00:11.Ok	*** 11B. 118R Stat Cp: 5.300e+20
14	-56.900; 15.435; 2140	Yes	2Sholes@2	Si(BF2)03@5		Si(BF2)500V.rdp	Si(BF2)03@5_20200819_02	test1	<implant>	Si(BF2)500V.dsp_brpcp	19:11:35.Ok	*** 11B. 118R Stat Cp: 4.17 Cp: 5.883e+20
15	-56.900; 15.935; 2140	Yes	2Sholes@2	Si(BF2)03@5		Si(BF2)500V.rdp	Si(BF2)03@5_20200819_03	test1	<implant>	Si(BF2)500V.dsp_brpcp	19:23:09.Ok	*** 11B. 118R Stat Cp: 4.18 Cp: 5.888e+20
16												
17												
18												

The new SmartPRO software package for IMS 7f-Auto, IMS Wf and SC Ultra SIMS tools combines Chain Analysis and WinCurve in a seamlessly integrated environment and adds real time data processing and automation functionalities thus improving ease of use, productivity and data quality.

SmartPRO benefits



Save time and enhance ease of use



Improve tool productivity by up to 40% over three tools



View your quantified data in real time



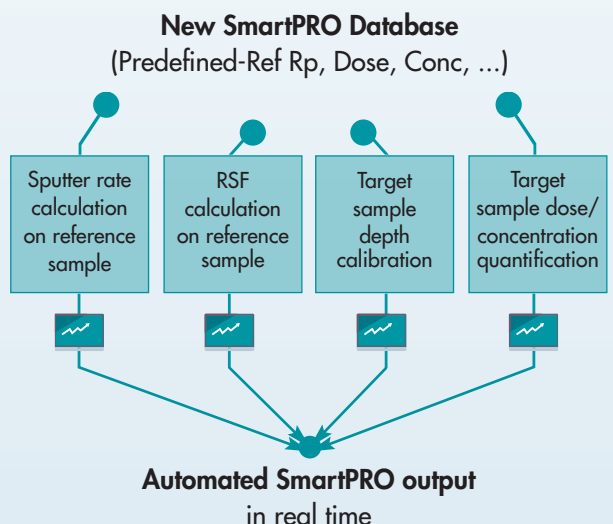
Ensure data consistency from tool to tool and site to site

SmartPRO is the best option for data consistency with minimal user dependence and for ensuring multiple tools operation with reduced overhead.

The inherited CAMECA SIMS software package includes:

- **Chain Analysis:** Automated data acquisition in a batch mode combining at the same time different analysis conditions and analysis types.
- **Wincurve:** Data processing, meaningful visualization capabilities in a user friendly environment and powerful export functions for all CAMECA SIMS instruments.

Streamline your analysis process with SmartPRO

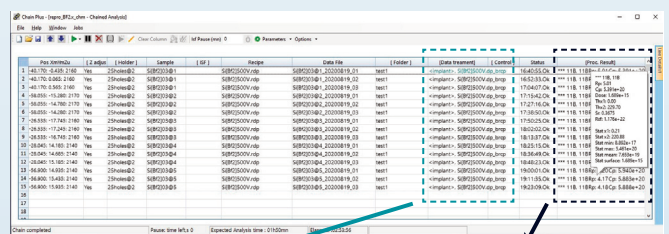


SmartPRO is available for the CAMECA IMS 7f-Auto, IMS Wf and SC Ultra:

- If you are a current IMS 7f-Auto, IMS Wf or SC Ultra user, ask for a SmartPRO standalone license.
- New users will benefit from all SmartPRO functionalities now included in the new WinCurve Plus software suite.

The new SmartPRO solutions enhances ease-of-use, productivity & data consistency:

- Save time and enhance ease of use: Through automation and limited operator.
- Improve tool productivity: Through automation and chaining of routine tasks eliminating interruptions
- View your quantified data in real time: Immediate display in the dedicated column during job running. *Display of quantified data directly in the Chain analysis panel automatically filled during job running.*
- Ensure data consistency: Easy access to automatically generated database with all recipes. *Easy access to the processed data thanks to job numbering and a powerful search engine filtered by multiple parameters:*
 - Instrumental conditions: primary source, impact energy etc.
 - Analysis conditions: species, mass resolution etc.
 - Data processing recipe: implant, box ect.



[Data treatment]	[Control]	[Proc. Result]
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Rp: 5.01 Cp: 5.391e+20
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Dose: 1.689e+15
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Thx1: 0.00
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Sr: 0.3675
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Rsf: 1.176e+22
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Stat x1: 0.21
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Stat x2: 220.88
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Stat min: 8.892e+17
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Stat max: 5.461e+20
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Stat mean: 7.653e+19
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BF Stat surface: 1.689e+15
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BRp: 20Cp: 5.940e+20
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BRp: 4.17Cp: 5.883e+20
<implant>, Si[Bf2]500V.dp_brcp		*** 11B, 11BRp: 4.18Cp: 5.888e+20

After each analysis Immediate results reported within Chain Plus