



P-Sperm

Data Management Software
for the SQA-Vp



P-Sperm Software



P-Sperm is the data management software that works together with the SQA-Vp to:

- Store and sort test results on the PC for analysis, graphing, etc.
- Provide documentation of the entire testing, dosing and storage cycle.
- View sperm samples on the PC monitor.
- Capture and store video clips and images.
- Set-up SQA-Vb system defaults
- Secure information (password protected).





Test Data

Controls

Import Test

Import/Export

Real Time Video

Set-Up

Exit

B-Sperm navigation is easy. To access various menus and options:

- Click on one of seven navigation buttons that are always available in the left margin of the screen.
- Note the sub-menu buttons across the top of the P-Sperm screen that display additional options to run reports, export data, etc.



A variety of icons guide the user through the P-Sperm features and options:



Test results out of clinical range: One or more of the test results are out of clinical range.



Dosing mismatch: The selected dosing requirements cannot be implemented. This can happen when:

- The set-up values have been entered incorrectly
- The semen sample is of low quality



Picture indicator: A picture has been attached to the test results.



Video Indicator: A video clip has been attached to the test results.



Graphs: Test results can be graphed by clicking on the icon and selecting the parameter to be graphed.

Entry Screen



Enter P-Sperm using:

- Password: **fertility**
- Click: **OK**

Copyright 2005

P-Sperm
Video & Data Management System
Version 1.00

For use with SQA-Vp
Sperm Quality Analyzer Ver. 1.00

Medical Electronic Systems Ltd.

Medical Electronic Systems

Password

OK Cancel

A screenshot of the software's entry screen. The window has a title bar with 'Copyright 2005'. The main area is split diagonally from the bottom-left to the top-right. The upper-left portion is light blue and contains the text 'P-Sperm Video & Data Management System Version 1.00'. The lower-right portion is dark blue and contains the text 'For use with SQA-Vp Sperm Quality Analyzer Ver. 1.00'. At the bottom of the window, there is a white bar with the 'MES' logo and the text 'Medical Electronic Systems Ltd.'. On the right side of the window, there is a 'Password' label next to a text input field. Below the input field are two buttons: 'OK' and 'Cancel'. The 'MES' logo is also present in the bottom-left corner of the overall slide.

Test Data



Dosing - Fresh

Extended

Daily Report

Test Data

Controls

Import Test

Import/Export

Real Time Video

Set-Up

Exit

- The first navigation button is **TEST DATA**. From this screen the user can locate, select and analyze test results that have been imported from the SQA-Vp.
- Click the navigation button **TEST DATA** and three sub-buttons will appear:
 - Dosing – Fresh
 - Extended
 - Daily Report

Overview of P-Sperm



- There are two basic sub-menus in P-Sperm that display test results imported from the SQA-Vp:

Dosing-Fresh & Extended

- From these two sub-menus, the following features can be activated:

Features	Dosing-Fresh	Extended
Dosing Set-Up; dosing on-line	X	
Import tests from the SQA-Vp	X	X
Sort, Hide, Freeze Columns, View All	X	X
Run Graphs of individual boar test results	X	X
Capture images, Export data and run reports	X	X



DOSING-FRESH - Select this button to:

- **View the test data from the DOSING mode of the SQA-Vp**
- **Activate the dosing feature and determine how to divide up a sample by total, motile or morphologically normal sperm in a dose**
- **Activate the EXPORT TEST feature**
- **Evaluate test results and run reports, graphs, view attached clips, etc.**

Dosing-Fresh: Test Parameters



Parameter	Value
Sperm Concentration	Millions per milliliter
Motile Sperm Concentration (MSC)	Millions per milliliter
Motility	%
Motility Grading	[0-5]
Morphology	%
Sperm #	Billions per ejaculate
Motile Sperm #	Billions per ejaculate

Dosing-Fresh Screen



Dosing - Fresh

Dosing - Fresh

Number of Records 59

Sort Hide Freeze Columns View All

					Date ▾	Time ▾	Time from Collect. <30 min.	Boar ID	Boar Name	Sample #	Neat Ejaculate Volume [ml]		
▶	▬	<>	!	📅	📄	23/08/2006	09:22	No	190	Vandredy 7	2	50	
	▬	<>		📅	📄	23/08/2006	09:21	No	190	Vandredy 7	1	50	
	▬	<>			📄	23/08/2006	09:20	No	189	Vandredy 6	2	100	
	▬	<>				23/08/2006	09:19	No	189	Vandredy 6	1	100	
	▬	<>		📅	📄	23/08/2006	09:17	No	186	Vandredy 3	1	50	
	▬	<>				23/08/2006	09:16	No	184	Vandredy 1	2	150	
	▬	<>				23/08/2006	09:15	No	184	Vandredy 1	1	150	
	▬	<>				23/08/2006	09:14	No	182	Toledo 13	1	200	
	▬	<>				23/08/2006	09:13	No	181	Toledo 12	1	60	
	▬	<>				23/08/2006	09:12	No	181	Toledo 12	2	60	
	▬	<>		📅	📄	23/08/2006	09:11	No	180	Toledo 11	1	50	
	▬	<>			📄	23/08/2006	09:10	No	180	Toledo 11	2	50	

Clear All Select All Delete Dosing Set-up

- Select: Test Data > Dosing-Fresh and the table above will be displayed
- Click on the navigation buttons and icons to run a variety of features



Dosing Calculation



Test Data

Controls

Import Test

Import/Export

Real Time Video

Set-Up

Exit

There are two ways to perform dosing calculations:

- From the SQA-Vp after running a test
 - Activate the Test Data > Dosing-Fresh screen in P-Sperm
 - Click the IMPORT TEST button when prompted by the SQA-Vp on-screen instructions
 - The test results will automatically populate the Dosing Set-up screen will be activated
- From P-Sperm after importing data from the SQA-Vp
 - Highlight the desired record from the Test Data > Dosing-Fresh spreadsheet
 - Click the DOSING SET-UP button



Dosing Set-up Screen



Dosing Set-up

Boar ID	<input type="text" value="190"/>	Boar Name	<input type="text" value="Vandredy 7"/>
Location	<input type="text" value="Lahav"/>	Date	<input type="text" value="23/08/2006 09:22"/>
Neat Ejaculate Volume [ml]	<input type="text" value="50"/>	Primary Extender Volume [ml]	<input type="text" value="60"/>
Sperm Conc. [M/ml]	<input type="text" value="1003"/>	MSC [M/ml]	<input type="text" value="906.2"/>
Motility [%]	<input type="text" value="90.4"/>	Motility Grading [0-5]	<input type="text" value="4"/>
Morphology [%] - Automated	<input type="text" value="87.6"/>	Morphology [%] - Manual	<input type="text" value="Optional"/>
Dosing Method	<input type="text" value="Motile Sperm"/>	Dose Volume [ml]	<input type="text" value="80"/>
Target # Sperm [Bil/Dose]	<input type="text" value="3.5"/>	Motility Cutoff [%]	<input type="text" value="70"/>
		Motility Grade Cutoff [0-5]	<input type="text" value="3"/>
<input type="button" value="Calculate"/>			
Extender Volume [ml]	<input type="text" value="851"/>	Total Volume [ml]	<input type="text" value="961"/>
		Number of Doses [#]	<input type="text" value="12"/>
Motility Cutoff	<input type="text" value="Pass"/>	Motility Grade Cutoff	<input type="text" value="Pass"/>
<input type="button" value="Save and Close"/>		<input type="button" value="Cancel"/>	
<input type="button" value="Report"/>			

Enter:

- **Dosing Method**: The dosing criteria defined by # total, motile or morphologically normal sperm
- **Dose Volume**: The desired final volume of the AI dose
- **Target # Sperm**: The desired number of sperm for each dose
- **Motility Cutoff**: The minimal Motility threshold
- **Motility Grade Cutoff**: The minimal Motility Grade threshold

Dosing Set-up Screen



- Click the **CALCULATE** button to view the:
 - **Extender Volume:** The amount of extender to add to the sample
 - **Total Volume:** The sum of the semen plus the extender volume
 - **Number of Doses:** The total number of doses that can be generated
- Click the 'SAVE and CLOSE' button to save the results
- Click the **REPORT** button to view and print the dosing report

Dosing Set-up					
Boar ID	<input type="text" value="190"/>	Boar Name	<input type="text" value="Vandredy 7"/>		
Location	<input type="text" value="Lahav"/>	Date	<input type="text" value="23/08/2006 09:22"/>		
Neat Ejaculate Volume [ml]	<input type="text" value="50"/>	Primary Extender Volume [ml]	<input type="text" value="60"/>		
Sperm Conc. [M/ml]	<input type="text" value="1003"/>	MSC [M/ml]	<input type="text" value="906.2"/>		
Motility [%]	<input type="text" value="90.4"/>	Motility Grading [0-5]	<input type="text" value="4"/>		
Morphology [%] - Automated	<input type="text" value="87.6"/>	Morphology [%] - Manual	<input type="text" value="Optional"/>		
Dosing Method	<input type="text" value="Motile Sperm"/>	Dose Volume [ml]	<input type="text" value="80"/>		
Target # Sperm [Bill/Dose]	<input type="text" value="3.5"/>	Motility Cutoff [%]	<input type="text" value="70"/>	Motility Grade Cutoff [0-5]	<input type="text" value="3"/>
<input type="button" value="Calculate"/>					
Extender Volume [ml]	<input type="text" value="851"/>	Total Volume [ml]	<input type="text" value="961"/>	Number of Doses [#]	<input type="text" value="12"/>
Motility Cutoff		Motility Grade Cutoff			
<input type="text" value="Pass"/>		<input type="text" value="Pass"/>			
<input type="button" value="Save and Close"/>		<input type="button" value="Cancel"/>		<input type="button" value="Report"/>	



Select: Test Data > Extended to:

- **View a report with QC-Extended test data**
- **Manage and evaluate QC-Extended data by individual board**
- **Evaluate test results and run reports and graphs**
- **View clips and pictures attached to test results**

QC-Extended: Test Parameters



Parameter	Value
Sperm Concentration	Millions per milliliter
Motile Sperm Concentration (MSC)	Millions per milliliter
Motility	%
Motility Grading	[0-5]
Sperm #	Billions per ejaculate
Motile Sperm #	Billions per ejaculate

QC-Extended Screen



Extended

QC - Extended

Number of Records 40

Sort Hide Freeze Columns View All

				Date ▾	Time ▾	Boar ID	Boar Name	Sample #	Dose Prep. Date	Semen Volume [ml]	Aggluti [%]
				23/08/2006	09:26	189	Vandredy 6	2	23/08/2006	100	25
				23/08/2006	09:25	189	Vandredy 6	1	23/08/2006	100	30
				23/08/2006	09:24	190	Vandredy 7	2	23/08/2006	100	25
				23/08/2006	09:23	190	Vandredy 7	1	23/08/2006	100	20
				22/08/2006	08:26	185	Vandredy 2	1	22/08/2006	100	16
				22/08/2006	08:25	185	Vandredy 2	1	22/08/2006	100	8
				22/08/2006	08:24	178	Sphinx 11	1	22/08/2006	100	9
				22/08/2006	08:23	178	Sphinx 11	2	22/08/2006	100	30
				22/08/2006	08:22	166	Duplex 49	1	22/08/2006	100	20
				22/08/2006	08:21	166	Duplex 49	1	22/08/2006	100	7
				22/08/2006	08:17	179	Toledo 10	1	22/08/2006	100	25
				22/08/2006	08:16	177	Sphinx 10	1	22/08/2006	100	16

Clear All Select All Delete

- **Select: Test Data > Extended** to display the table above
- **Click on the navigation buttons and icons** to run features

Test Data: Daily Report



The **DAILY REPORT** contains all the test results for both **FRESH** samples and their associated **EXTENDED** test results. This report is an excellent tool for measuring the quality of the samples through the entire production process.

SQA-Vp DAILY PRODUCTION REPORT for 22/08/2006

Sample Data						Fresh Semen Parameters					Dosing Set-up		Dosing Results		Extended Sample Test Results					
Time	Boar ID	Boar Name	Sample #	Neat Ejac. Vol. [ml]	Primary Extend. Vol. [ml]	Sperm Conc. [M/ml]	MSC [M/ml]	Motility [%]	Motility Grading [0-5]	Morph. [%]	Dosing Method	Target # Sperm [Bill/Dose]	Number of Doses [#]	Extender Volume [ml]	Sperm Conc. [M/ml]	MSC [M/ml]	Motility [%]	Motility Grading [0-5]	Totals per Semen Volume	
																			Sperm # [Bill]	Motile Sperm # [Bill]
08:01	166	Diplex 49	1	80	60	864.9	782.7	90.5	4	87.7	Total Sperm	1.5	28	2691	15.5	8.7	56.1	2	1.58	0.9
08:01	166	Diplex 49	1	80	60	864.9	782.7	90.5	4	87.7	Total Sperm	1.5	28	2691	16.2	9.3	57.3	2	1.62	0.9
08:02	168	Diplex 51	2	80	40	1266.9	1023.0	80.8	4	72.4	Motile Sperm	2	40	3080						
08:03	170	Oaxir 51	1	45	60	881.6	800.4	90.8	5	88.0	Total Sperm	2	19	1416	24.8	10.5	42.5	4	2.48	1.1
08:05	172	Oaxir 52	1	80	60	1000.4	936.3	88.2	4	79.4	Total Sperm	2	26	1971	25.8	9.3	36.9	3	2.58	0.9
08:07	177	Splix 10	1	45	60	375.3	262.0	69.8	3	70.1	Motile Sperm	4	2	56	59.8	49.1	82.3	4	5.98	4.9
08:07	177	Splix 10	1	45	60	375.3	262.0	69.8	3	70.1	Motile Sperm	4	2	56	60.8	52.7	86.7	4	6.08	5.3
08:08	178	Splix 11	2	45	60	1303.3	1142.3	87.7	4	87.5	Motile Sperm	2	26	1896	29.2	22.5	77.3	3	2.92	2.3
08:09	178	Splix 11	1	45	60	1243.8	1218.9	98	3	N/A	Total Sperm	2.5	22	1656	29.1	20.9	71.7	3	2.91	2.1
08:10	179	Toledo 10	1	45	60	669.3	446.1	66.7	3	64.8	Total Sperm	2.5	11	776	31.6	11.3	36.8	2	3.16	1.1
08:11	183	Toledo 14	1	180	0	1078.2	964.4	89.5	5	80	Motile Sperm	3	48	3690						
08:12	185	Valdredy 2	1	180	100	348	311.9	89.7	3	80.7	Total Sperm	3	17	1110						

To view and/or print a Daily Report:

- Click on the **DAILY REPORT** button
- Select the report date



FEATURES: All Tables



Capture Image

Export

Report

The three buttons displayed above are located at the top of the screen. To run these features data has to already be imported from the SQA-Vp into P-Sperm! Click on these buttons to:

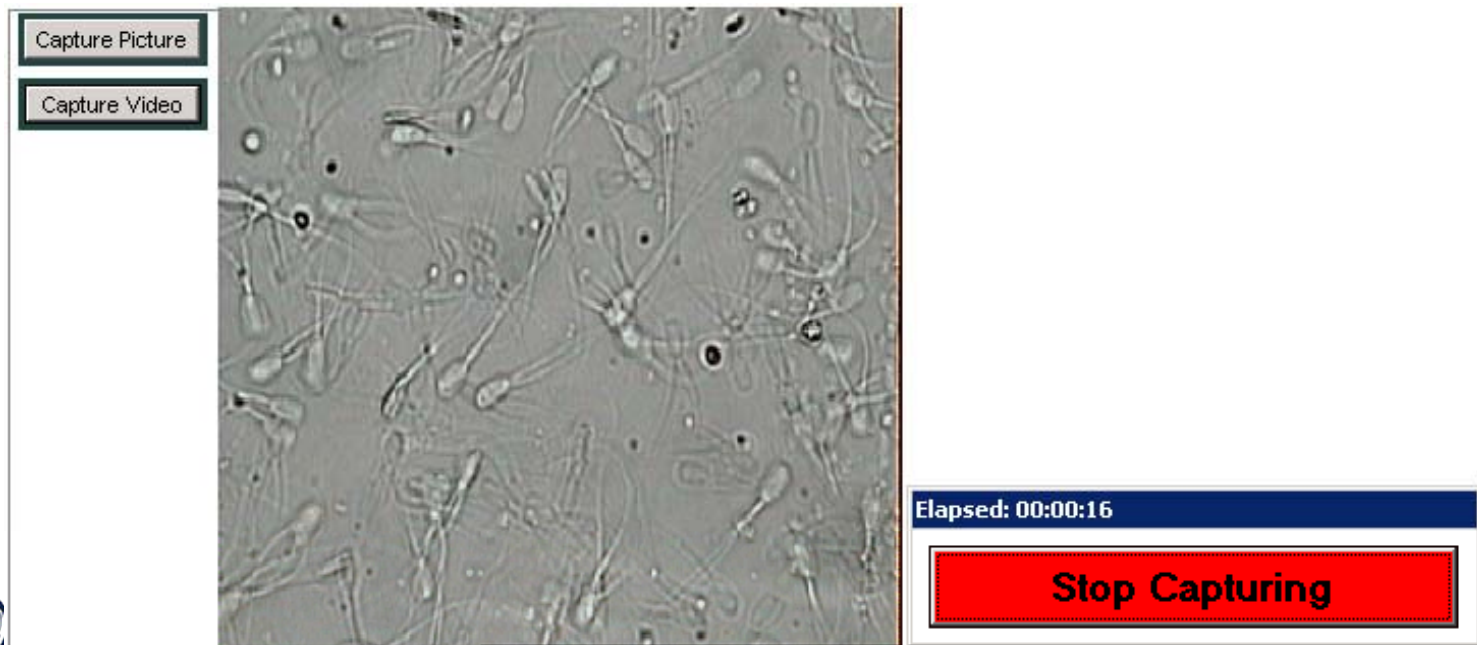
- **Activate the REAL TIME video screen, save and attach images to boar records**
- **Send P-Sperm data to another database or external file in Excel format**
- **Run a test report**

FEATURE: Save Images



To save an image to a test record:

- Insert a slide in the visualization chamber of the SQA-Vp
- In P-Sperm - Highlight the record to attach the clip
- Click: **CAPTURE IMAGE** to activate the video screen
- Click **CAPTURE PICTURE/VIDEO** - A camera or video icon will now appear adjacent to the record in the data spreadsheet



FEATURES: Report



To view and/or print a semen analysis report:

- Select the desired records from the Dosing-Fresh or QC-Extended screens
- Click the report button 
- Click the printer icon to print a copy of the report 

SQA-Vp Dosing Test Report

Report Date: 22/02/2007 22:51:10

< >	Sample Data									Test Results						Dosing Results			
	Date	Time	Time from Collect. <30 min.	Boar ID	Boar Name	Sample #	Neat Ejac. Vol. [ml]	Primary Extend. Vol. [ml]	Agglut. [%]	Sperm Conc. [M/ml]	MSC [M/ml]	Motility [%]	Motility Grading [0-5]	Morph. [%]	Totals per Ejaculate		Number of Doses [#]	Extender Volume [ml]	Total Volume [ml]
															Sperm # [Bil]	Motile Sperm # [Bil]			
< >	23/08/2006	09:22	No	190	Vandredy 7	2	50	60	21	1003	906.2	90.4	4	87.6 [A]	50.15	45.31	12	851	961
< >	23/08/2006	09:21	No	190	Vandredy 7	1	50	60	16	1005.8	909.7	90.5	4	87.7 [A]	50.29	45.49	12	851	961
< >	23/08/2006	09:20	No	189	Vandredy 6	2	100	100	9	349.6	189.3	54.2	2	64.2 [A]	34.96	18.93	12	761	961
< >	23/08/2006	09:19	No	189	Vandredy 6	1	100	100	30	354.7	190.8	53.8	2	69.5 [A]	35.47	19.08	12	761	961
< >	23/08/2006	09:17	No	186	Vandredy 3	1	50	100	21	1127.6	1101.7	97.7	3	87.3 [A]	56.38	55.08	18	1291	1441
< >	23/08/2006	09:16	No	184	Vandredy 1	2	150	100	8	388.4	304.1	78.3	4	69.9 [A]	58.26	45.62	15	950	1200
< >	23/08/2006	09:15	No	184	Vandredy 1	1	150	100	9	399	285.5	71.6	4	62.9 [A]	59.85	42.82	14	870	1120
< >	23/08/2006	09:14	No	182	Toledo 13	1	200	100	11	442.6	320.6	72.5	4	77.8 [A]	88.51	64.13	21	1380	1680
< >	23/08/2006	09:13	No	181	Toledo 12	1	60	60	25	723.3	699.7	96.8	4	85 [M]	43.4	41.98	14	1001	1121
< >	23/08/2006	09:12	No	181	Toledo 12	2	60	60	16	732.7	700.0	95.6	3	82 [M]	43.96	42.0	14	1001	1121
< >	23/08/2006	09:11	No	180	Toledo 11	1	50	60	29	1024.5	1006.0	98.2	4	87.7 [A]	51.22	50.3	22	1651	1761

CONTROLS



Test Data

Controls

Import Test

Import/Export

Real Time Video

Set-Up

Exit

- The second navigation button is **CONTROLS**.
- The SQA-Vp runs Qwik-Check™ LATEX BEADS as an external control material to validate the concentration parameters of the system.
- In order to run these tests, defaults must be set-up in P-Sperm.
- The test results will then be archived and can be viewed in P-Sperm.



Controls: Overview



Controls

Set-Up

Test Results

Two buttons are available after clicking on CONTROLS:

- **Set-up**: CONTROL default settings must be set-up prior to running Qwik-Check™ beads on the SQA-Vp. Click this button to activate the CONTROLS SET-UP screen.
- **Test Results**: Click this button and the CONTROL TEST RESULTS spreadsheet will be displayed.



Controls: Set-up Screen



Set-Up

Control

Level 1			Level 2			Negative Control		
Lot #	11		Lot #	22		Lot #	33	
Exp. Date	09/05		Exp. Date	09/05		Exp. Date	09/05	
	Target Value	+/- Ranges		Target Value	+/- Ranges		Target Value	+/- Ranges
Automated			Automated			Automated	0,0	0,0

Report

Apply

Cancel

To set-up the CONTROLS defaults:

- From the SQA-Vp MAIN MENU select: **SERVICE > SERVICE DATA**
- In P-Sperm select: **CONTROLS > Set-Up**
- From the information on the QwikCheck beads box, enter the default settings for each level of CONTROLS:
 - Lot Number
 - Expiration Date
 - Target value and +/- Range
- Click **APPLY** to enter this information



Controls: Test Results Report



To view the Control Test Results Report, click the **TEST RESULTS** button:

- Select the records to be displayed in the report from the **CONTROL** screen

Date Test Performed	Control Level	Lot Number	Expiration Date	Target Value	Range +/-	Cur
01/08/2006 10:41	Negative Control	010806003	07/07	0	0	
01/08/2006 10:40	Negative Control	010806003	07/07	0	0	
01/08/2006 10:29	Negative Control	010806003	07/07	0	0	
01/08/2006 10:30	Negative Control	010806003	07/07	0	0	
01/08/2006 10:37	Negative Control	010806003	07/07	0	0	
01/08/2006 10:37	Negative Control	010806003	07/07	0	0	
01/08/2006 10:38	Level 2	010806002	07/07	23	3.2	
01/08/2006 10:35	Level 2	010806002	07/07	23	3.2	
01/08/2006 10:34	Level 2	010806002	07/07	23	3.2	
01/08/2006 10:33	Level 2	010806002	07/07	23	3.2	
01/08/2006 10:32	Level 2	010806002	07/07	23	3.2	
01/08/2006 10:31	Level 2	010806002	07/07	23	3.2	
01/08/2006 10:30	Level 2	010806002	07/07	23	3.2	

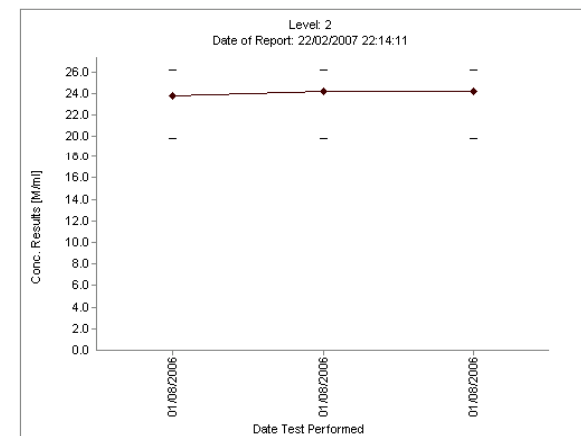
SQA-Vp Control Test Results

Level: 2

Date of Report: 22/02/2007 22:14:11

Date Test Performed	Control Level	Lot Number	Exp. Date	Concentration			In Range	Out of Range	Unit #
				Target Value	Range +/-	Conc. Results [M/ml]			
01/08/2006 10:36	Level 2	010806002	07/07	23	3.2	24.2	Normal		122
01/08/2006 10:35	Level 2	010806002	07/07	23	3.2	24.2	Normal		122
01/08/2006 10:34	Level 2	010806002	07/07	23	3.2	23.8	Normal		122

- Click the **REPORT** button and the Control Test Results along with a Graph will be displayed for viewing and/or printing.



Import



Test Data

Controls

Import Test

Import/Export

Real Time Video

Set-Up

Exit

Test results need to be sent from the SQA-Vp to P-Sperm. Use the **IMPORT/EXPORT** button of the Main Menu and follow the instructions below:

- Connect the SQA-Vp to the PC running P-Sperm via the RS232 communication cable
- From the SQA-Vp MAIN MENU select: **SERVICE > SERVICE DATA**
- Click the **IMPORT/EXPORT** navigation button
- Select: **IMPORT (TEST RESULTS or CONTROLS) > CONTINUE**
- The SQA-Vp archive will be transferred to the P-Sperm



Export

Select this option to send data from P-Sperm to an external file. This feature requires Microsoft Excel:

- Click the **IMPORT/EXPORT** button
- Select **EXPORT > TEST RESULTS (or CONTROLS)**
- Enter a path and file name; then click **SAVE**
- The data will be saved to the designated location

Real Time Video: Settings



Test Data

Controls

Import Test

Import/Export

Real Time Video

Set-Up

Exit

- Select the REAL TIME VIDEO button to view samples on the PC.
- Click the REAL TIME VIDEO sub-button to:
 - Display a counting grid
 - Maximize the video screen size
 - Copy/save images to external files
- Video defaults such as grid line width and color can be set-up by clicking on the REAL TIME VIDEO button and then clicking the VIDEO SETTINGS button.

Set-up



Test Data

Controls

Import Test

Import/Export

Real Time Video

Set-Up

Exit

- Click the SET-UP button to enter all the required testing information and system defaults before testing samples in the SQA-Vp.
- Two buttons are displayed after clicking the SET-UP button:
 - Data Settings
 - System Settings
- Click the *Data Settings* to get:
 - Boar Settings
 - Normal Ranges
- Click the *System Settings* to get
 - Language
 - Password
 - Port



Set-up: Data Settings



- Click the **Boar Settings** button to set up Boar ID, Name, Owner, Location and Breed information

Boar ID	166
Name	Duplex 49
Owner	Dodo
Location	Lahav
Breed	Large White
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	

- Click the **Normal Ranges** button to set-up the testing range defaults for FRESH and Extended semen

Normal Ranges ← BACK

Fresh Semen Ranges

Parameter	Normal Range	Select
Neat Ejaculate Volume [ml]	50 - 500	←
Sperm Conc. [M/ml]	150 - 750	←
MSC [M/ml]	100 - 750	←
Motility [%]	70 - 100	←
Motility Grading [0-5]	3 - 5	←
Morphology [%]	80 - 100	←
Sperm # [Bil]	20 - 120	←
Motile Sperm # [Bil]	14 - 120	←

Extended Semen Ranges (doses)

Parameter	Normal Range	Select
Sperm Conc. [M/ml]	20 - 40	←
MSC [M/ml]	14 - 40	←
Motility [%]	70 - 100	←
Motility Grading [0-5]	3 - 5	←
Sperm # [Bil]	2 - 3	←
Motile Sperm # [Bil]	1.4 - 3	←

Set-up: System Settings



Language

- Click the **LANGUAGE** button to display the set-up screen
- Choose **"OTHER"** from the drop-down menu
- Edit the table as desired and click **APPLY**

Language ← BACK

System	English
Agglutination [%]	Agglut. [%]
Boar ID	Boar ID
Boar Name	Boar Name
Breed	Breed
Collect to Test <30 min.	Collect to Test <30 min.
Concentration	Concentration
Concentration Results	Conc. Results
Control Level	Control Level
Daily Production Report	Daily Production Report
DAILY PRODUCTION REPORT for	DAILY PRODUCTION REPORT for
Date	Date
Date Test Performed	Date Test Performed
Dose Prep Date	Dose Prep Date
Dose Volume [ml]	Dose Volume [ml]
Dosing Method	Dosing Method
Dosing Results	Dosing Results

Language
English

Apply Cancel

Password

Click on **PASSWORD** to change it for user security

Password ← BACK

New Password

Confirm new Password

Apply Cancel



Set-up: System Settings



Port

Click the PORT button to set the communication port for the PC

Port ← BACK

Communication port

<input checked="" type="radio"/> COM1	<input type="radio"/> COM2	<input type="radio"/> COM3	<input type="radio"/> COM4
<input type="radio"/> COM5	<input type="radio"/> COM6	<input type="radio"/> COM7	<input type="radio"/> COM8
<input type="radio"/> COM9	<input type="radio"/> COM10	<input type="radio"/> COM11	<input type="radio"/> COM12

Apply Cancel

Exit



Test Data

Controls

Import Test

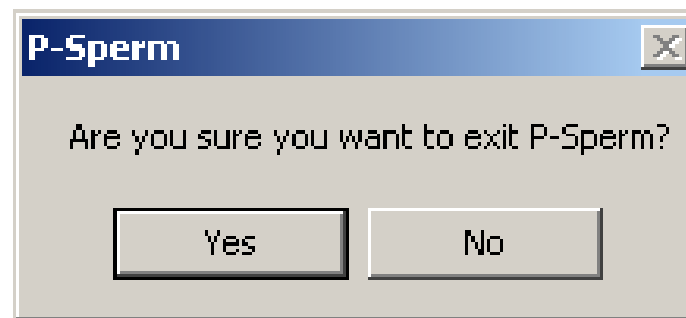
Import/Export

Real Time Video

Set-Up

Exit

- Click the EXIT button to close the P-Sperm program
- Confirm with a click



Thank you

