

## SQA-Vp Version 1.00.43

# U P G R A D E I N S T R U C T I O N S

### System Upgrade Requirements

- New upgrade CD: SQA-Vp Version 1.00.43
- SQA-Vp Instrument:
  - SQA-Vp Version 1.00.40 must be installed on the SQA-Vp in order to upgrade the system
  - RS232 communication cable (supplied with the system) must be connected
- PC and related components:
  - 1 GHz processor, Pentium 3
  - RAM 256 MB
  - AGP-video display card with minimum 16 MB RAM memory
  - Color video: Minimum 16 bit (65, 535)
  - CD ROM drive
  - Video resolution: Minimum 640X480
- Minimum requirements (P-Sperm interface):
  - Windows 2000, XP
  - Requires: DirectX, DivX.
  - MS Excel/Word for exporting to file formats
  - Free RS232 serial communications port (serial COM port)
  - 2 USB ports
  - Electrical surge protector

### Overview of the Step to Upgrade Process: SQA-Vp 1.00.43

1. **TRANSFER SQA-Vp ARCHIVE:** Transfer all records from SQA-Vp to P-Sperm
2. **PRINT SELF TEST DATA:** Print the SQA-Vp service information prior to uploading new software to compare pre and post upload parameters
3. **INSTALL:** SQA-Vp Version 1.00.43
4. **CLEAR MEMORY:** Clean the SQA-Vp system memory
5. **PRINT SYSTEM PARAMETERS:** Print SQA-Vp service information after uploading new software to compare pre and post upload parameters
6. **COMPARE SELF TEST and SYSTEM PARAMETERS**

## Step 1 Transfer SQA-Vp Archive

- Before beginning the upgrade process it is necessary to transfer the tests and control archive from the SQA-Vp to the current P-Sperm. To do this:
  1. Turn on the **SQA-Vp** from the rear switch and the front on/off key
  2. Activate the service data screen: MAIN MENU>SERVICE>SERVICE DATA
  3. Open the **P-Sperm** program on the PC and sign-in
  4. Click the **Import/Export** navigation button in P-Sperm. Select: **Import Test Result**
  5. Click: **CONTINUE** on the P-Sperm Import Test Results screen
  6. Repeat steps 4-5 to import the **Control** archive by selecting **Import Controls** on the import screen instead of Import Test Results.
  7. After importing both archives (Test Results and Controls) P-Sperm will ask "Data transferred successfully. Do you want to delete the SQA-Vp (Controls) archive?" Select **NO**
  8. **Close P-Sperm but leave the PC on**

## Step 2 Print SELF TEST DATA

- From the MAIN MENU select SERVICE > PRINT SQA-Vp DEFAULT SETTINGS > SELF TEST DATA
- Press: **ENTER**
- Keep a copy of the printout (to compare parameters after completing the installation)

## Step 3 Install SQA-Vp Software Version 1.00.43

**Please note:**  
During this phase the PC and the SQA-Vp are hooked-up and the PC is still "on" from Step 1

- Turn off the SQA-Vp from the rear panel
- Press and hold the **SERVICE** key of the SQA-Vp while turning on the SQA-Vp from the rear panel
- When the lower SQA-Vp screen is blank or displays "garbled" lines/lights release the **SERVICE** key
- Insert the CD: **SQA-Vp** into the PC's CD-ROM if the PC does not have a CD-ROM use a memory stick in the USB
- From the PC click: **START > RUN** and type in:  
**X:\MesNewSQAVersion\_P1.00.43.EXE.exe** (X = letter of PC CD-ROM drive) and click **OK** and follow the on-screen installation instructions OR click "**My Computer**" then select the correct CD-ROM drive (X:\). Double click "**MesNewSQAVersion\_P1.00.43.EXE**" to begin setup
- A pop-up message will appear briefly. If prompted to start installation select: **NEXT**



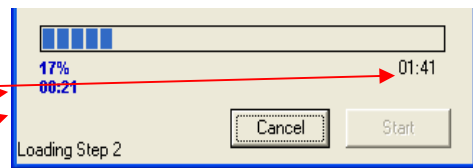
- This screen will appear. It will display the communication port that is being used for the SQA-Vp.
- In the Password box enter the password: **"fertility"**
- Press **Start** to continue



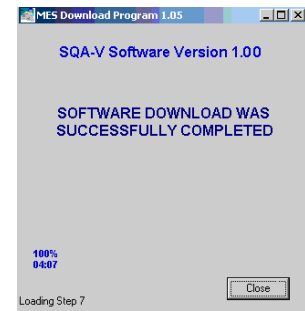
**WARNING:**  
Do not touch the keyboard or mouse during the downloading process.

The screen will indicate the progress of the software loading process:

- Estimated time remaining
- Percentage counter
- Time elapsed



- The next screen will indicate that the download was successful
- Click **CLOSE** to exit
- To complete the uploading of new software, the memory needs to be cleared



#### Step 4 Clear the SQA-Vp Memory

**NOTE:**  
During this phase the PC and the SQA-Vp are hooked-up and the PC is still "on" from Step 1

- **Turn OFF the SQA-Vp** from the rear panel
- **Turn ON the SQA-Vp** from the rear panel and the front panel
- Wait for the Main Menu to appear (5-7 Minutes) - screen may look fragmented
- From the Main Menu select: **SERVICE > SERVICE DATA**
- Insert the CD: **SQA-Vp** into the PC's CD-ROM (it may still be in the CD drive from Step 3)
- From the PC click: **START > RUN** and type in: **X:\SetupCleanMem248.EXE** (X = letter of PC CD-ROM drive) and click **OK** and follow the on-screen installation instructions. OR click **"My Computer"** then select the correct CD-ROM drive (X:\). Double click **"SetupCleanMem248.EXE"** to begin memory clearance
- A pop-up message will appear



- **Clear Flash Area** screen will appear
- Press **START**

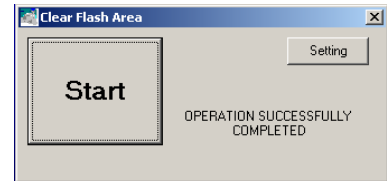


**WARNING:**  
Do not touch the keyboard or mouse while the download is in process.

- A screen will indicate that the download has been successful

**IMPORTANT:**

- Close this **Clear Flash Area** screen
- **TURN OFF the SQA-Vp** from the rear panel



## Step 5 Print System Parameters

**WARNING:**  
The SQA-Vp should have been turned off in Step 4. Do not begin Step 5 if the SQA-Vp has not been turned off!

- Turn **ON the SQA-Vp** from the rear panel and from the front keypad
- From the MAIN MENU select SERVICE > PRINT SQA-Vp DEFAULT SETTINGS > SELF TEST DATA
- Press: **ENTER**
- Compare these results with the pre-download SELF TEST DATA parameters

## Step 6 Compare SELF TEST and SYSTEM PARAMETERS

- Compare the following critical parameters (in **bold**) to ensure that they have not changed as a result of the installation of the version 1.00 SQA-Vp software: **#1, 2, 3, 4** and **8, 9, 10, 11, 13, 15, 16, 17, 18, 19**
- Check to see if the SQA-Vp Serial Number is on the post-download SQA-Vp printout (at the top)
- Call technical support if the numbers are different

### Troubleshooting

- Time out error
  - **DO NOT ACTIVATE THE SQA-Vp SOFTWARE**
  - Check connection between SQA-Vp and PC
  - Close the "Clear Flash Area" screen
  - Close all applications
  - Re-run Steps 4 of the installation
  - Call for technical support if the problem recurs