# SCITEX PRODUCT SUPPORT

## Lotem 400V

## Release Note for Version 1.10.05

**Date:** April 4, 2000

**From:** Yaron Soffer

Abstract:
These Release Notes contain the changes and additions that have been made since the version 1.00.08 was last released.

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## Overview/Introduction

The following is a review of the new Software Version 1.10.05 for the Lotem 400V. Version 1.10.05 provides an answer for all Lotem 400V configurations – TSP, VLSI, Local 2, and Local 3.

**Note: A prerequisite for installing the software is the DDB-1-N board or FCO 510F25994.**

***Release Objectives***

- The new software will upgrade the Lotem 400V to the new software infrastructure based on the advanced features of Lotem 800 2.2 version.
- In this software the user will be able to select from the Brisque any plate defined on the P.C..
- When sending a job from the Brisque, the expose will not rotate the files (please refer to Plate orientation on the last page).
- The software is easy to install for each machine configuration.
- The upgrade for edge detection is already inside the s/w.
- The movement of the focus motor during the edge detection is controlled by the Registry.
- More options to control the Conveyor.

# New Features

***Move cursor over an object***




When you move the cursor over an object in the hardware a small window appears showing the status of the object.
The small window will appear only if the object is not in error state.

***User Password***

The passwords for different types of users are:

| | |
|---|---|
| User | No need for password |
| Service Engineer | Scitex |
| Expert | Iotempro |

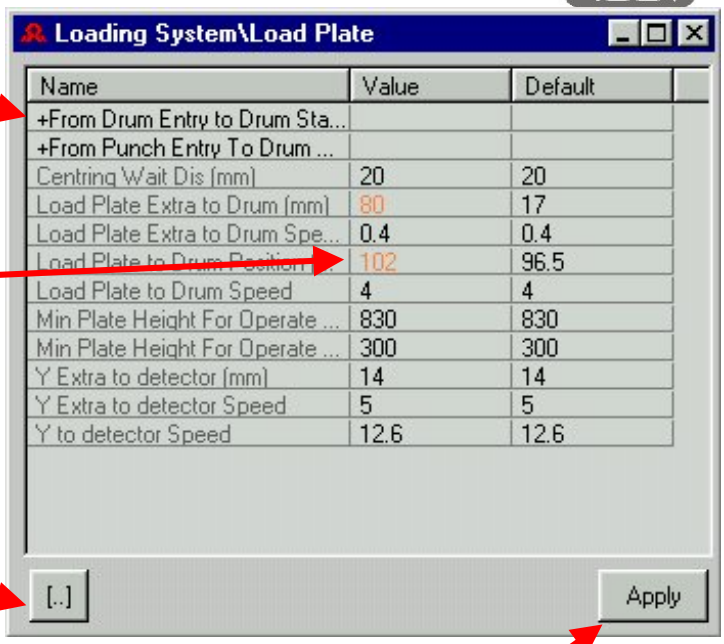



***Parameter screen***

A + sign at the beginning of a line means that there is another window to open.

Numbers changed from default are marked in red.

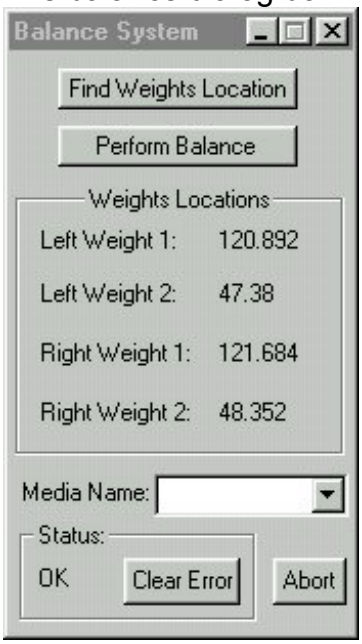
Pressing on the [...] will return to the previous window




To save changes click on Apply (instead of Save & Send)

***Balance system***

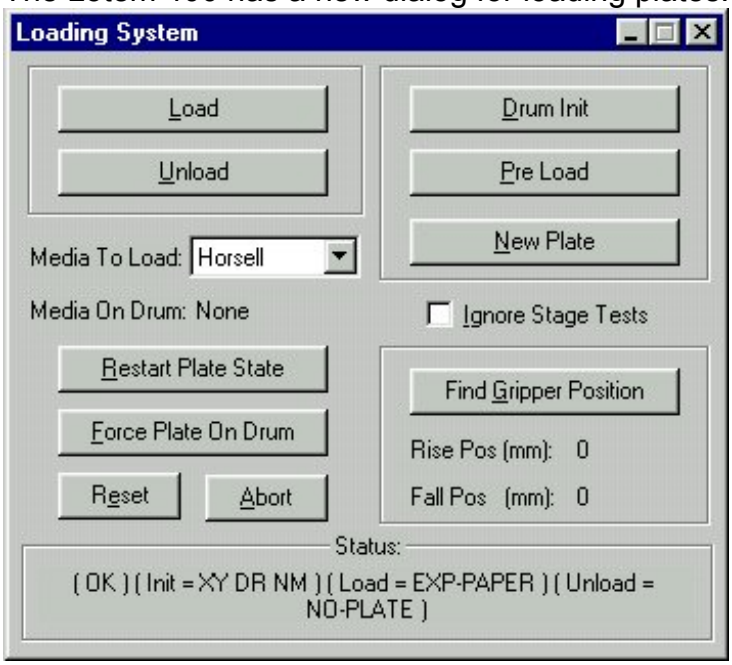
The balance dialog box:




In this dialog box, one field was added displaying the media type to be loaded

***Loading Dialog***

The Lotem 400 has a new dialog for loading plates:




**Note: Before loading a plate, a Media should be selected.**



This option moves the Tail Gripper from the end of the track (close to the head gripper) to the right position.

New plate moves the balance weights and the Tail Grippers to the right position according to the plate selected in the Media To Load window.



This option loads a plate that was pre-selected from the Media To Load list. If the plate isn't placed on the tray , then the s/w displays a message specifying which plate to be loaded.



This option finds the Gripper position on the Drum.

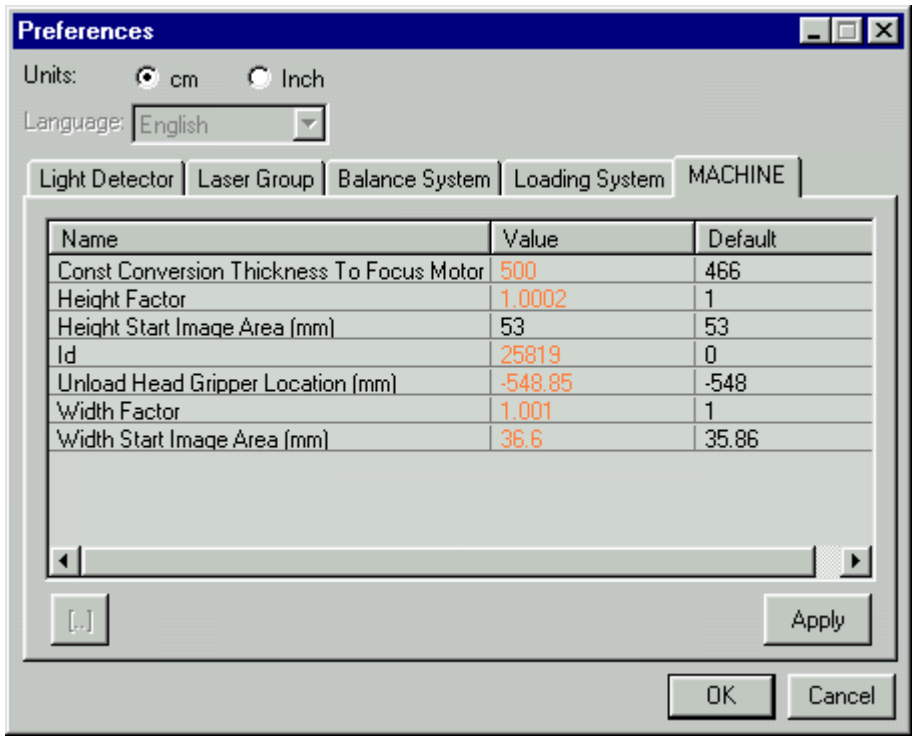
Gripper position:

| Plate High | Rise Pos | Fall Pos |
|---|---|---|
| 318 mm – min | 81 mm | 138 mm |
| 500 mm | 263 mm | 320 mm |
| 550 mm | 312 mm | 369 mm |
| 622 mm – max | 384 mm | 441 mm |

***Automatic drum initialization***

Before Loading plate, balance and all other functions, the software automatically initiates an Init Drum.

***Preference table for Service Engineer.***




When opening the Preference window from the Setting menu, and when the defined user is an Engineer, a parameter table opens describing all the values that are different than the Default.

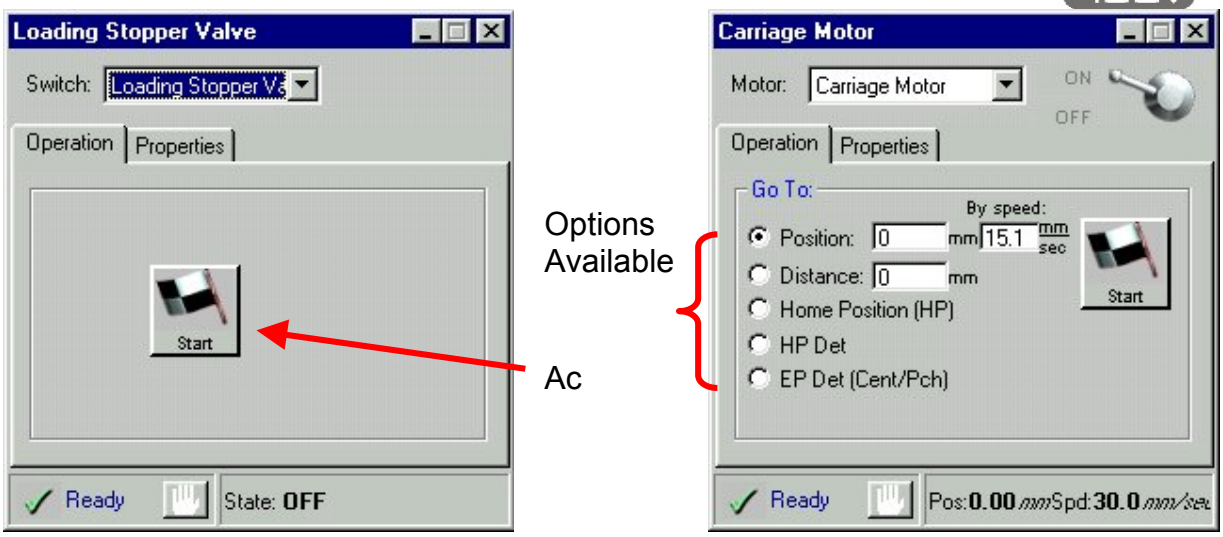
***Black / Red indication for detectors***




When opening a detector the color of the status will change from **black-Off** to **red-On** accordingly.

***New Motors and Solenoids/Valves dialog window***

When you choose one of the motors or Solenoids, the following window opens.




For each motor the relevant Go To option will open.
The position and the speed of the relevant motor appears on the right corner.


When the Motor/ Solenoid reach its final destination the hand sign appears.



The Start (flag) icon activates the Motor or the solenoid



The Stop (Stop Sign) icon deactivates the Motor or the solenoid.



Pressing on the On/Off switch will connect/disconnect the motor power

To view the properties of the motor or solenoid click on the Properties.



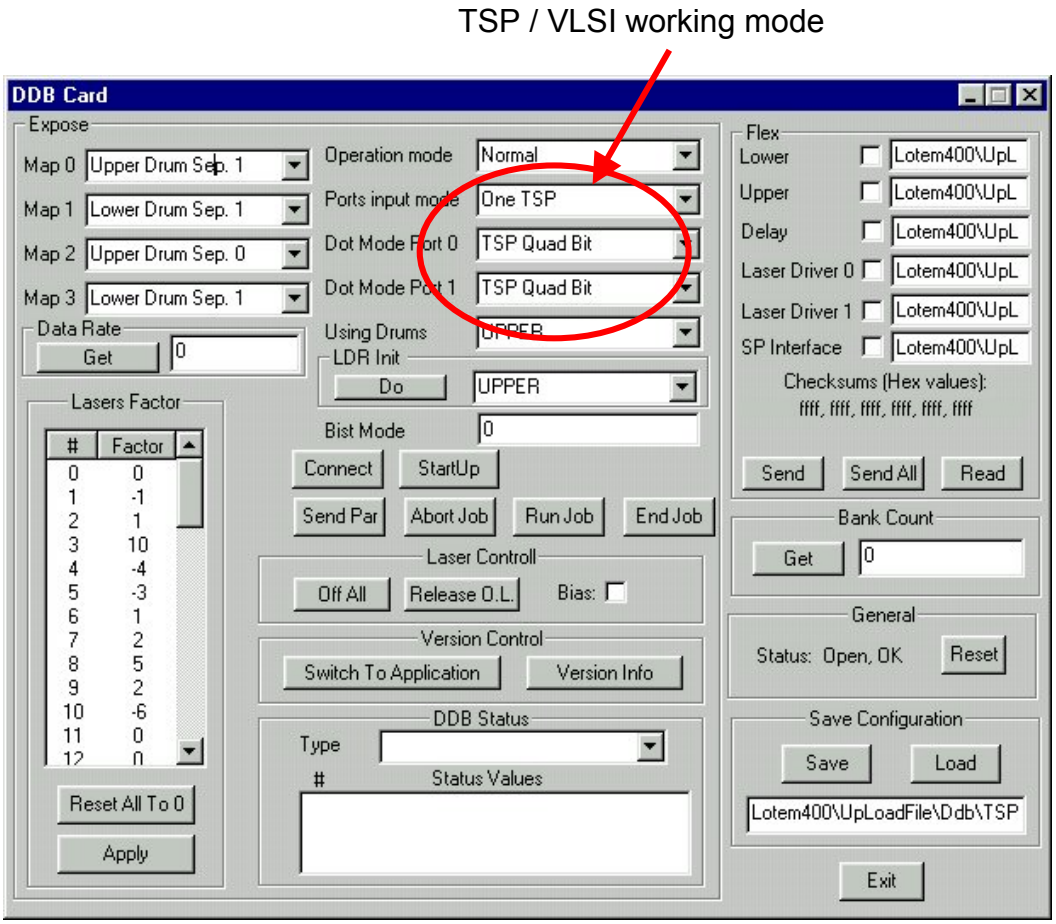
The property window will display the relevant parameters for the motor/solenoid.

***Ram Table adjustment***

The new DDB board supports the RAM table in order to obtain a uniform intensity of the laser diode on the Plate.

Follow the next steps for Ram table Adjustments:

1. Open the Hardware menu.
2. Open Boards / DDB board.

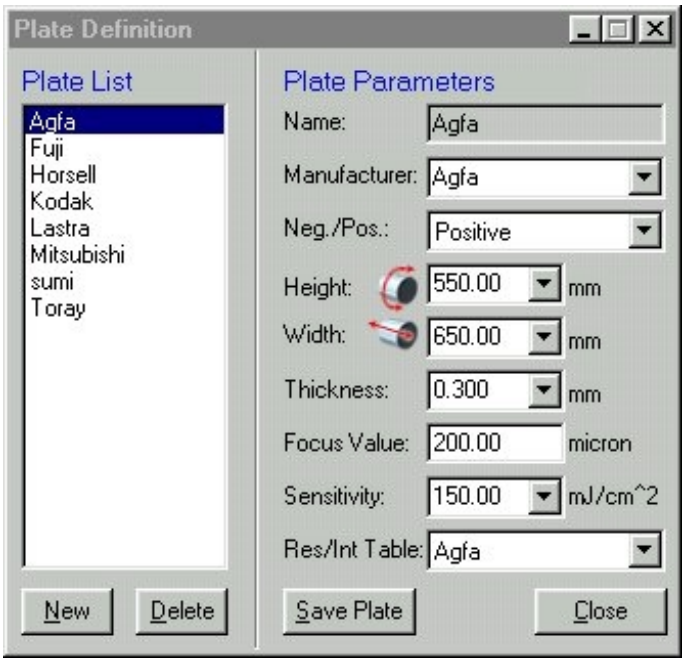



3. On the laser factor window locate the laser beam number and the factor adjustment. Follow the Laser uniformity procedure to adjust the diode lasers.
   The factor can be set from (-100%) to (+ 100%).
   The factor " 0" indicates that there is no adjustment for the Beam.

   
   
   Click **apply** to save the new factor setting.

   
   
   Clicking on the **Reset all to 0** icon will reset the Ram Table to 0.
4. Saveing the Ram Table to a floppy diskette:
   Using the Windows Explorer browse to *C:/Lotem/Lotem 400 / up load file / DDB*
   Select TSP or VLSI depending on machine configuration and copy the file **Lotem _ddb.sav** to a floppy diskette.

***A new dialog box for plate size configuration is shown below***




The parameters for all plates are listed in this window.

Plate high from 318 – 622 mm

Plate Width from 330 – 758 mm

Plate thickness from 0.15 – 0.3 mm

**Note: Please refers to Appendix for Plate orientation**

Focus Value:

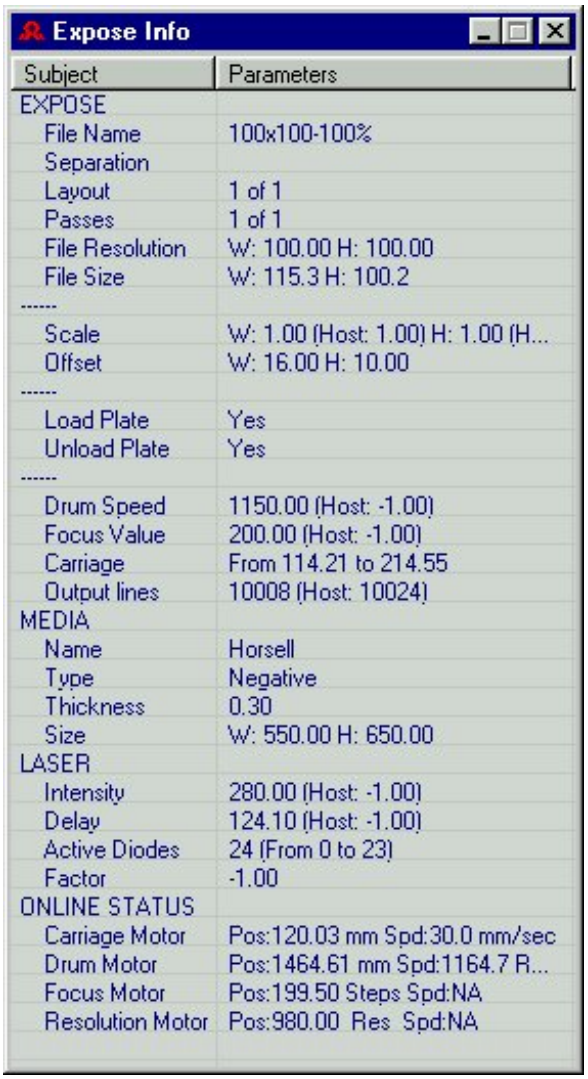
The focus value can be changed by the Expert user or from the Brisque calibration window (the preferable way). Changing the thickness of the plate will give the default focus number 200 for a 0.3 mm plate, 300 for 0.2 mm plate and 350 for 0.15 mm plate.

**Note: Whenever you open this window, the parameters of the plate at the top of the plate list is shown. This plate is not necessarily the plate you select to load.**

***Focus motor position***

The Focus motor is displayed in the Plate Definition window (see above).

***Dialog of expose parameters***




Expose parameters send from the Brisque

**Host: (-1.00)** – The host asked for a default value.

**Host: (1.00)** – The Brisque sent a specific value.

Parameters of the exposed Media (taken from the plate definition list).

Laser parameters

Motors Parameters updated continuously.

During expose the dialog shows the relevant information for the current expose.

**Note:**

**The exposure parameters are updated when the laser turns on.**

**The Dialog does not open automatically. To open the dialog click on the Utility and than select the Show Machine Param**

**Stop spiral counter is shown only in Expert Mode.**

***Opening doors from the GUI.***

The user can open the front and upper door by placing the mouse over the machine picture and double click.

***Load plate message***

When an expose job is initiated by the Brisque DFE, a message is sent from the Brisque to PC controller requesting that an appropriate plate be loaded in the Platesetter. The message on the application *Main window* specifies the plate thickness and size




The requested plate is placed at the center of the Loading tray, emulsion side down. When the Loading plate pushbutton is pressed and the machine is ready to expose, the plate is automatically loaded into the PlateSetter.

**Note: The OK button and the pushbutton on the loading tray perform the same function.**

***Conveyor Motor & Unload Motor control***

Please refer to the appendix Unload on page 51.

**Unload Motor Control:**

Unload Motor First Speed – Unload motor speed while the plate exits from the drum.
Unload Motor Second Speed – Unload motor speed when the plate exits from the machine.
Time Out For Stop Unload Motor – Time out for unloading motor, from the moment the detector *plate out from machine* is on.

**The Conveyor control:**

First Conveyor motor speed – The speed from the Lotem 400 unloading until the plate reaches the detector of the conveyor.
Second Conveyor motor speed – The speed from the moment that the plate reaches the conveyor detector.
Time Out For Stop Unload Conveyor [m-Sec] – The time out of the conveyor motor in the second speed, starts after the plate exit from the conveyor.
Plate Time Out To Get Out From The Conveyor [m-Sec] – The overall time that the plate is on the conveyor.

***NetMeeting 3.01 installation on the Lotem PC***

Note: You can find the application in the CD of Lotem version under the folder **D:\Remote support.**

**NetMeeting 3.01** is a communications program. It enables a real-time audio and video communication, file transfer, whiteboard and application and desktop sharing. The NetMeeting communicates over the Internet or over a TCP/IP point-to-point modem connection.

**Note**
If you are intending to install a video capture device (e.g. VC camera), do this before installing the NetMeeting.

Follow these steps for installing and setting up your NetMeeting application:

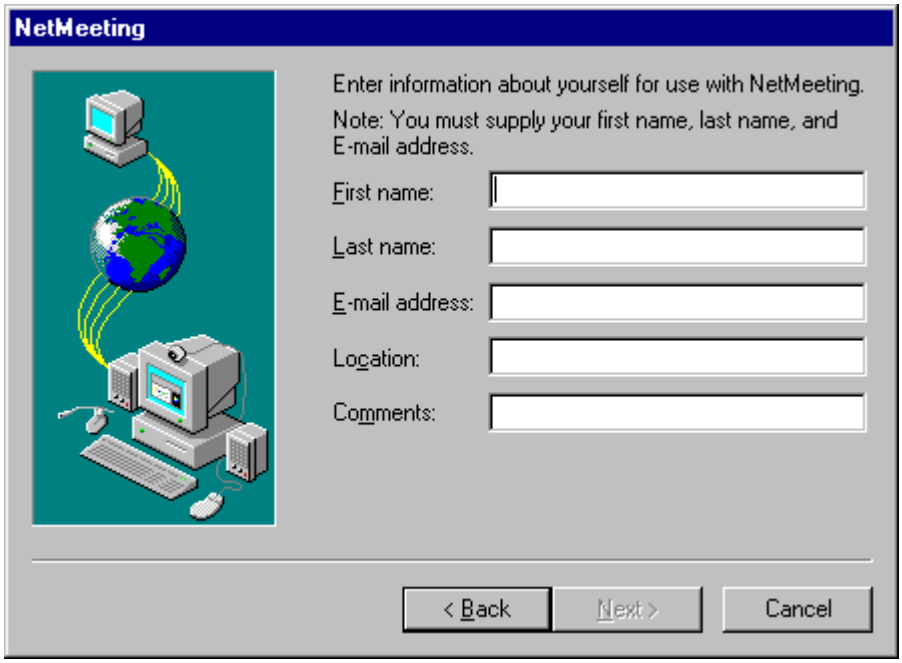
1. Step 1: Install NetMeeting 3.01
2. Step 2: NetMeeting 3.01 Initial Setup

## Step 1: Install NetMeeting 3.01

To begin the installation of the NetMeeting 3.01, double-click the **Nm30.exe** icon. Follow the instructions displayed in the installation dialogs.

## Step 2: NetMeeting 3.01 Initial Setup

When the NetMeeting 3.01 installation completes, activate the NetMeeting from the **Programs** option of the **Start** button. When activating the NetMeeting for the first time, you will be required to follow several setup dialogs. One of the dialogs will be:



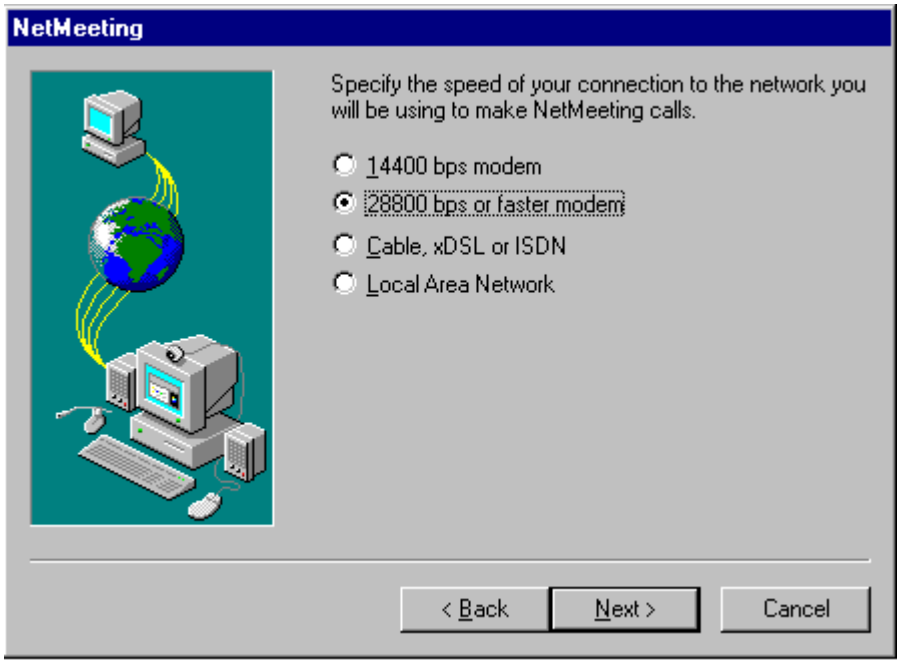

Fill in your first and last name, and your e-mail address.

**Note**
When installing the NetMeeting on the ***Scitex*** product, the name entered here appears on the desktop of the dialing PC when running a remote session. Therefore, is is advised that the **First name** field holds the site or customer name, and the **Last name** is the Scitex product (e.g. Lotem). The **E-mail address** field can contain the string none.

In the following dialog, check off the checkbox next to the **Log on to a directory server when NetMeeting starts**:




The next dialog will require you to select the speed of your connection to the network. Select the **28800 bps or faster modem**:



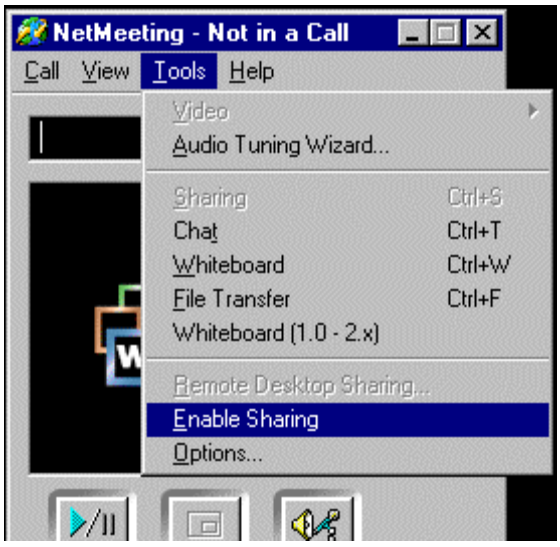

Continue with the setup dialogs to determine locations for shortcuts to the NetMeeting application and to tune your audio settings. Once you complete the initial setup procedure, the NetMeeting will be launched.



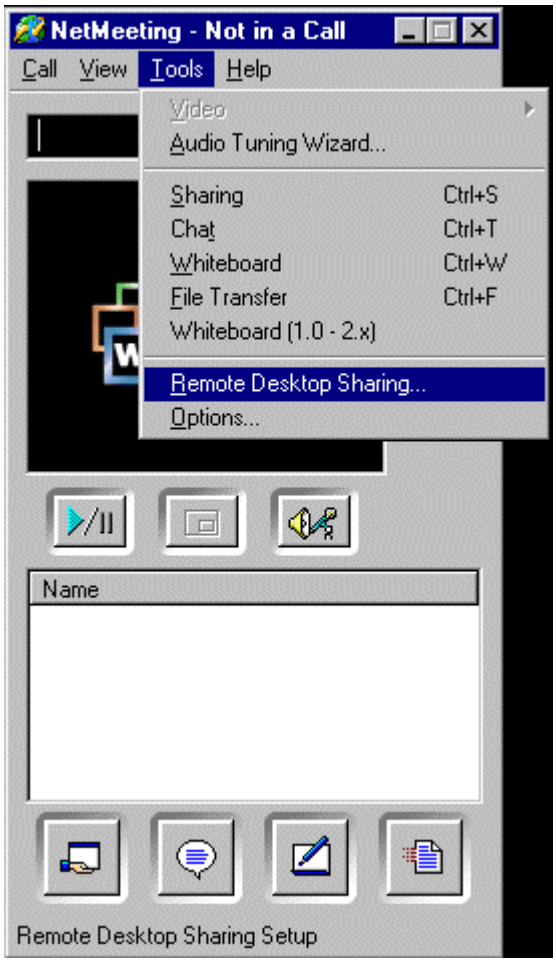

## Step 3: Application Sharing Setup

After completing the NetMeeting 3.01 installation and the NetMeeting 3.01 initial setup, you will need to run another setup procedure for enabling the application sharing utility. This step is required when installing NetMeeting at the customer site or on the ***Scitex*** product, and is not required on the dialing PC.

Select the **Enable Sharing** option from the **Tools** menu:



Additional software will be installed on your computer, and you will need to restart your computer afterwards. After the restart, activate NetMeeting again and select **Remote Desktop Sharing...** from the **Tools** menu:




A **Remote Desktop Sharing Wizard** will be launched to help you set up your computer to share out its desktop when you call it from another computer running NetMeeting. Follow the instructions displayed by the wizard to complete the installation and setup of your NetMeeting 3.01. When prompted for a password, type in **sciremote**.

***NetMeeting Overview - Functionality***

**NetMeeting 3.01** is a communications program. It enables a real-time audio and video communication, file transfer, whiteboard and application and desktop sharing. The NetMeeting communicates over the Internet or over a TCP/IP point-to-point modem connection.

The following topics are covered in this document:


- The Call Receiver
- The Call Initiator
- File Transfer
- Sharing Programs
- Chat
- Whiteboard
- Audio
- Video

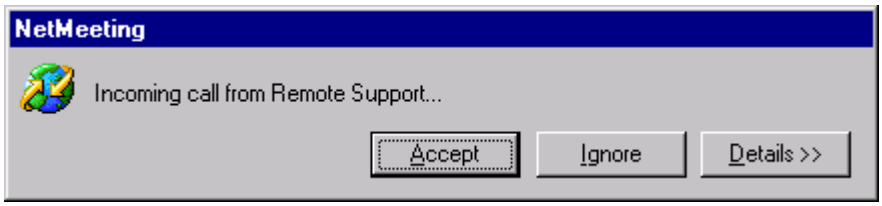

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## The Call Receiver

A NetMeeting session requires two parties - one that places a call and one receiving the call. Two types on NetMeeting sessions are possible, depending on the receivers waiting mode.

**A NetMeeting Session**

A normal NetMeeting session enables file transfer, video conference, application sharing, whiteboard and chat. This requires that the NetMeeting is running on the receiving side and that the **Do Not Disturb** option is not selected form the **Call** menu. This mode is interactive, and requires both sides of the NetMeeting session to respond. If the **Automatically Accept Calls** option is selected from the **Call** menu, a received call is automatically accepted. Otherwise, the **Incoming call** dialog is displayed on the receiver side:




You can either **Accept** the call or **Ignore** it.

To end a call, click the **End Call** button, or select **Hang U**p from the **Call** menu.

**A Remote Desktop Sharing NetMeeting Session**

A Remote Desktop Sharing NetMeeting session allows the access of the remote computer at one location from a computer at another location, and enables file transfer to and from the remote computer. Remote Desktop Sharing does not work if NetMeeting is running on the computer that needs to share its desktop. To set up Remote Desktop Sharing on the remote (receiving) PC:

1. On the **Tools** menu, click **Remote Desktop Sharing**, and follow the instructions on your screen. This step is required to be done only once.

2. Close NetMeeting.

3. Right-click the NetMeeting icon that appears in the status area, and then click **Activate Remote Desktop Sharing**.

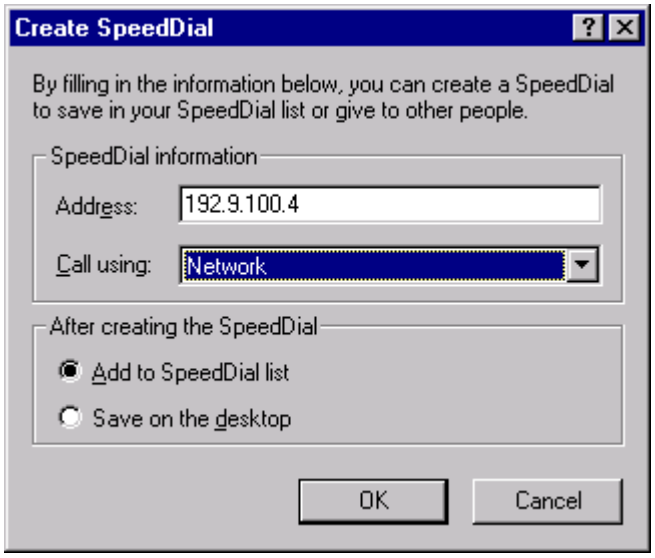
You can also activate Remote Desktop Sharing through the **Call** menu by clicking the **Exit and Activate Remote Desktop Sharing**.

## The Call Initiator

### A NetMeeting Session

To initiate a NetMeeting session, type the computer name you are calling or its IP address in the Address bar, and click the **Place Call** button. To display a list of remote PCs you called recently, click the arrow next to the address bar.

You can create a SpeedDial list for the PCs you call frequently by selecting Create **SpeedDial...** from the **Call** menu. The following dialog will be displayed:



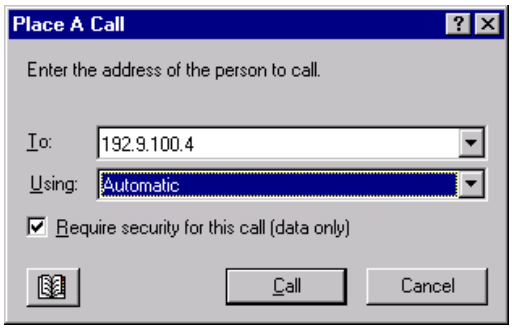

Fill in the **Address** field and select **Network** from the **Call using** field. When selecting the **Add to SpeedDial list**, a shortcut for the recipient will be created in the **SpeedDial** folder under the NetMeeting installation folder (typically Program Files\NetMeeting). When selecting the **Save on the desktop**, the shortcut will be created on the desktop.

To end the call, click the **End Call** button.

### A Remote Desktop Sharing NetMeeting Session

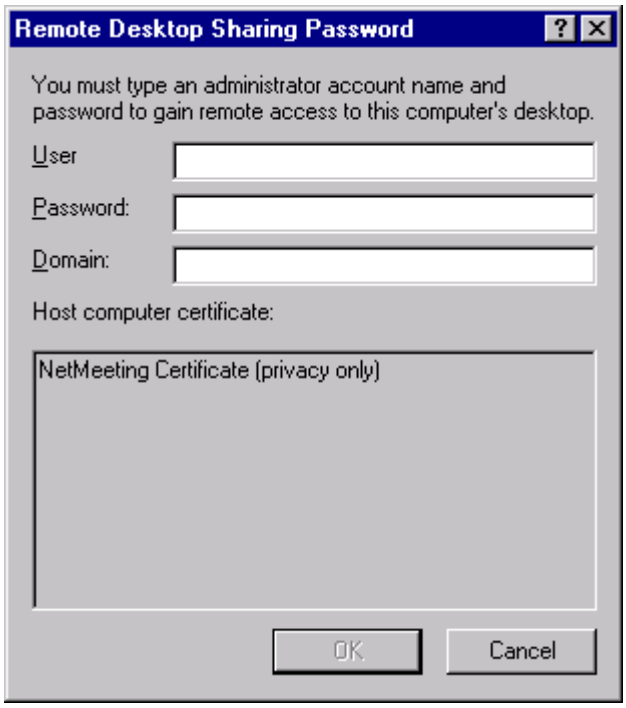
To access a computer in the Remote Desktop Sharing mode:

1. Select **New Call...** from the **Call** menu:



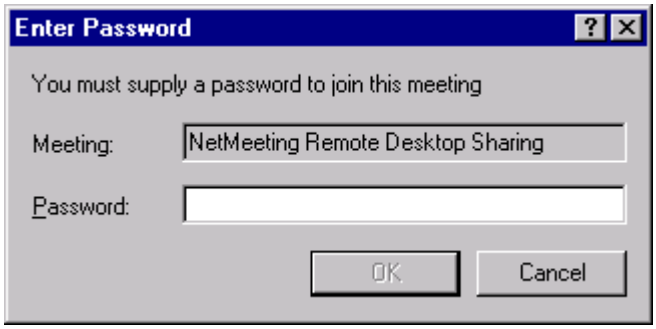

2. In the **To** field type the computer name or IP address of the remote computer.
3. If the **Require security for this call** check box is not selected, click it to turn on security.
4. Click the **Call** button.

   If the call succeeds, you will get the following dialog when calling a Windows NT:




Type in the **User** and **Password** of a valid user on the remote NT, and click the **OK** button.

When calling a Windows 95 remote PC, you will get this dialog:



Type in a Password (typically **sciremote**), and click the OK button.

Upon success, the following dialog will be displayed, and you will get full control over the desktop of the remote PC:



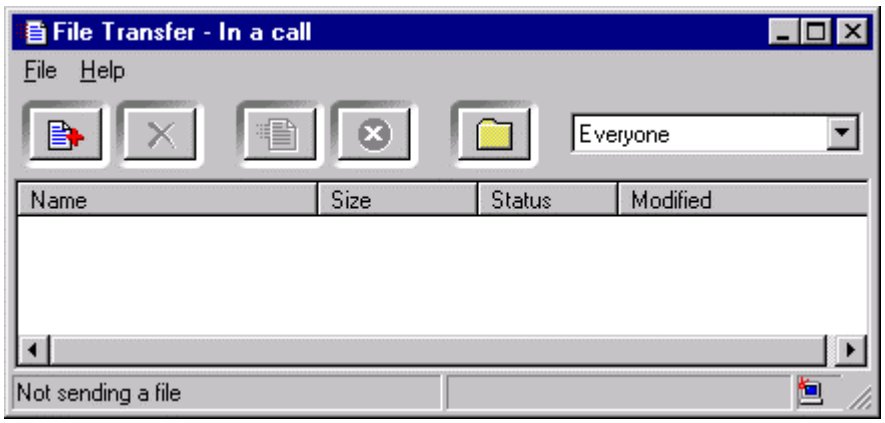

To end the Remote Desktop Sharing session from the initiator PC, click the **End Call** button on the NetMeeting application, or select **Hang Up** from the **Call** menu. On the computer sharing the desktop, click the **ESC** button to transfer control back to that computer without ending the Remote Desktop Sharing session, or right-click the NetMeeting icon in the status bar and select **Turn off Remote Desktop Sharing** for ending the Desktop Sharing session.

## File Transfer

Files transfer works only for pushing files and not for pulling files. This means that the transmission of files can be done only when the owner of the file sends it to the other side.

To send a file:

1. Click the **Transfer Files** button, or select **File Transfer** from the **Tools** menu:



2. In the **File Transfer** dialog box, click the **Add File** button or select **Add Files...** from the **File** menu, and select the files you want to send.

3. To send the file(s), Click the **Send All** button or select **Send All** from the **File** menu.

   On the receiving side, the following dialog will be displayed during the file transfer:




To receive a file, click **Accept** to receive the file and close the dialog box. If the **Accept** button is not clicked during file transmission, it changes to **Close** after the file is received. Click **Close** to close the dialog box. To reject the file, click **Delete**.

NetMeeting places the file(s) in the **Received Files** folder under the NetMeeting installation (typically Program files\NetMeeting).

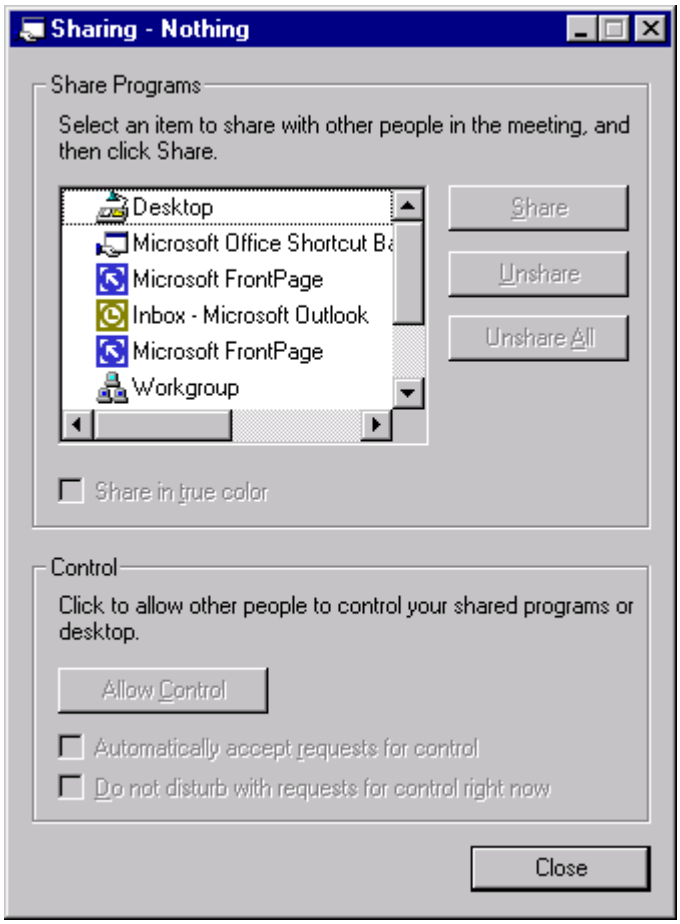
**Note**
When the NetMeeting is in a Remote Desktop Sharing mode, files can be transmitted in both directions. For sending (pushing) files, use the procedure described above. For receiving (pulling) files, use the shared desktop to right-click the NetMeeting icon in the status bar, and select the **Send Files** option.

## Sharing Programs

Shared programs allow meeting participants to view and work on files simultaneously. Only one person can be in control of a shared program at one time. If **controllable** appears in the title bar of the shared program widows, the person who shared the program has control and is allowing others to work in the program. If the mouse pointer has a box with initials, then another meeting participant has control over the program.

To share a program:

1. Click the **Share Program** button, or select **Sharing** from the **Tools** menu. The **Sharing** dialog will be displayed:




2. In the **Sharing** dialog box, click the name of the program you want to share (e.g. Desktop)
3. Click **Share**

To allow control of a shared program:

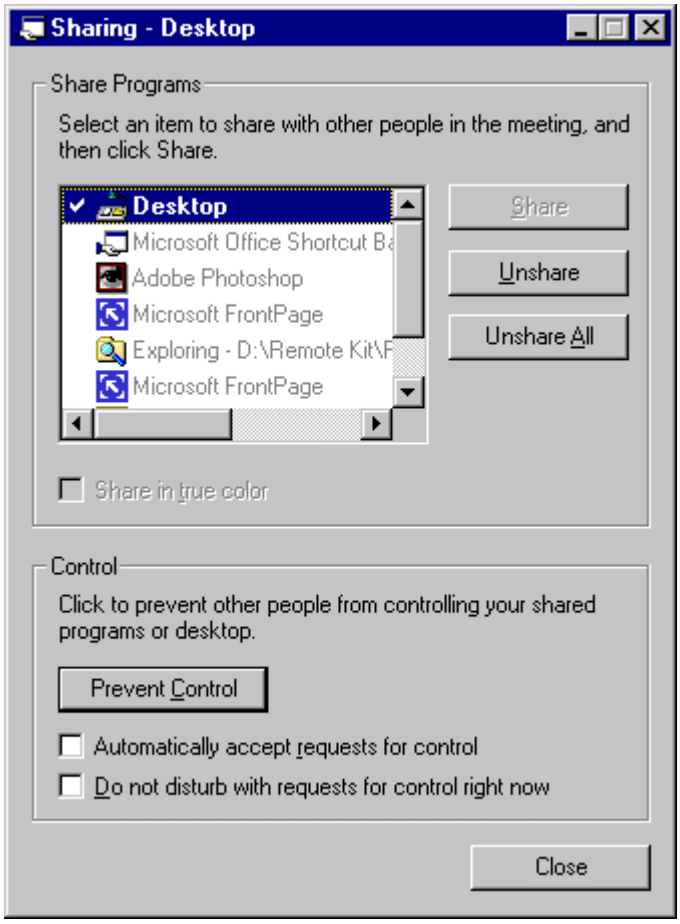
1. In the **Sharing** dialog box, click **Allow Control**, and (optionally) select the **Automatically accept requests for control** option.
2. In the main NetMeeting window, right-click the name of the person you want to work in the program, and then click **Grant Control**

The remote side now has the shared application available on his/her desktop, but yet without control over it. He/she now can request control by selecting the **Request Control** option from the **Control** menu of the opened application. Once this is done, you will get this dialog:



You can either **Accept** or **Reject** the request for control. Once you accept the request, the control over the shared application is passed to the remote computer.

To stop someone form working in a shared program, click **Prevent Control** in the **Sharing** dialog box, or press **ESC**:




To stop sharing a program, click **Unshare** to stop sharing one program or **Unshare All** to stop sharing all programs.

**Notes**

- You cannot share your desktop and share other programs at the same time.
- People with earlier versions of NetMeeting cannot take control of a program or a computer shared by someone with NetMeeting 3.0.
- It is recommended that you do not select the **Share in true color** check box. True color causes program sharing over dial-up connections to be very slow.
- Users running NetMeeting 2.x cannot control programs shared by computers running NetMeeting 3.0 or later.
- Windows NT users can share programs only if they have installed Service Pack 3 or later for Windows NT 4.0.

## Chat

Meeting participants can talk to each other simultaneously using Chat. Chat enables you to type messages for other users to see. When one person in a meeting runs Chat, a chat window appears on everyone's screen if they are using NetMeeting 3.0 or later.

To send a message:

1. Click the **Chat** button or select the **Chat** option from the **Tools** menu to open Chat:




2. In **Message**, type the message you want to send
3. Click the **Send Message** button, or press ENTER

Chat files can be saved with the **.htm** file extension, and then opened in an Internet browser.

## Whiteboard

Whiteboard allows everyone in a meeting to draw and type simultaneously. You can add and delete Whiteboard pages, draw shapes, type text, and emphasize an item using the Highlighter or the remote pointer.

NetMeeting 3.0 has two versions of Whiteboard: the standard Whiteboard and NetMeeting 2.x Whiteboard. If everyone in the meeting is using NetMeeting 3.0, the standard Whiteboard is used by default. Otherwise, the 2.x Whiteboard is used by default. When one person in a meeting runs Whiteboard, it appears on everyone's screen.

To use the Whiteboard feature, Click the **Whiteboard** button or select the **Whiteboard** option from the **Tools** menu.

Some of the Whiteboard options are:

- Copy a windows to the Whiteboard
- Copy an area of the screen to the Whiteboard
- Draw lines, shapes and text
- Highlight text or graphics in the Whiteboard
- Point out text or graphics

- Zoom in and out
- Save the contents of the Whiteboard to a file, and load a saved file to the Whiteboard

## Audio

NetMeeting provides full audio capabilities. If you are using a microphone and speakers, your audio can be either half-duplex or full-duplex. Half-duplex audio allows one person to speak at a time. Full-duplex audio allows two people to speak simultaneously. Sound quality can vary significantly depending on your sound card, microphone and connection.

To adjust your audio settings, for a computer with a sound card:

1. On the **Tools** menu, click **Options**
2. On the **Audio** tab, make the desired changes

To adjust the microphone and speaker volume:

1. Click the **Adjust Audio Volume** button
2. Move the microphone or audio slider to increase or decrease volume

To run the Audio Tuning Wizard, On the **Tools** menu, click **Audio Tuning Wizard**, and then follow the instructions on the screen.

## Video

You can use NetMeeting to send other meeting participants a video image of yourself or an item under discussion. To send a video image you need either a video-capture card and a camera, or a video camera that connects through your computer's parallel (printer) port or USB port. You can receive and view video images even if you do not have video equipment.To send video, click the **Start Video** button. You can also send video by clicking the **Tools** menu, pointing to **Video**, and then clicking **Send**. After starting the video, the button changes to **Stop Video**. To stop the video, click the **Stop Video** button again.

To automatically send video:

1. On the **Tools** menu, click **Options**
2. On the **Video** tab, select **Automatically send video at the start of each call**

To adjust you video settings:

1. On the **Tools** menu, click **Options**
2. On the **Video** tab, make the desired changes

To view the video image you are sending, click the **Picture-in-Picture** button. The image you are sending appears in a small video window within the main video window.

To receive a video, on the **Tools** menu, point to **Video**, and then click **Receive**.

***Installation of  VNC 3.3.3 R1 on Lotem 400***

Note: You can find the application in the CD of Lotem version under the folder **D:\Remote support.**

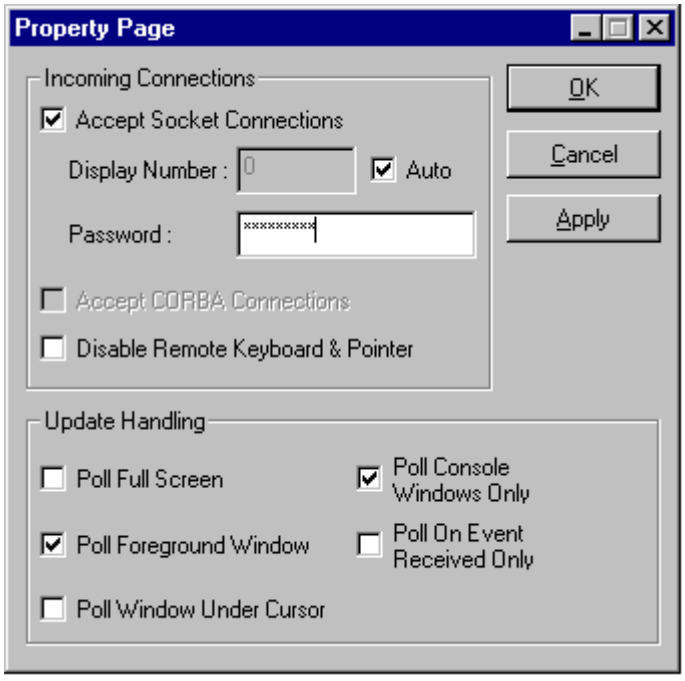
**VNC** - Virtual Network Computing - is a remote display system which allows you to view a computing 'desktop' environment from anywhere on the Internet and from a wide variety of machine architectures. For example, you can use a VNC viewer running on a PC to display a Unix or Macintosh environment which is running on a remote machine.

VNC consists of two types of component - A *server*, which generates a display, and a *viewer*, which actually draws the display on your screen. The server and the viewer may be on different machines and on different architectures. The protocol which connects the server and viewer is simple, open, and platform- independent.

To install the VNC Server, double-click the **Setup.exe** icon in the WinVNC folder. Follow the instructions displayed in the installation dialogs. Once the setup completes the copy of the necessary files, you will need to restart your computer.

After the restart, a VNC group will be created in your **Start** menu. Install the default VNCHooks registry settings by selecting **Install Default Registry Settings** from the **Program Files > VNC > Administrative Tools** folder in the **Start** menu. This will install the default hooks settings, which are tweaked to cope with some common, uncooperative applications, such as the clock.

Activate the **Programs > Vnc > WinVNC 3.3.3** from the **Start** button to get the following display:



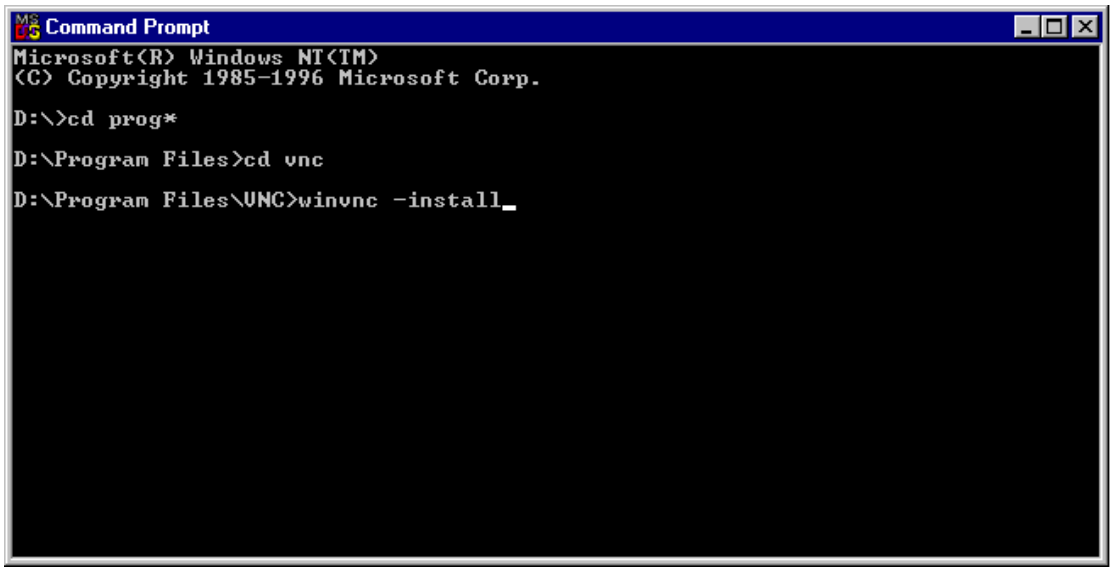

You must enter the password **sciremote** in the **Password** field. Leave all other fields unchanged. (Note that the default display number is 0 on a PC. You'll need to specify this to the viewer when you connect.) Click the **OK** button to complete the setup.

For enabling a remote computer to get control over your desktop, you will need to activate the WinVNC application. However, WinVNC can be made to run as a **service process** under Windows 95. Here's how to get it running as a service, assuming you've already installed it.

1. Open a Command Prompt and ***cd*** into the directory into which you installed WinVNC.

2. Install the WinVNC service using the **-install** option. A dialog box will appear to indicate the success or failure of the operation.

   ***C:\Program Files\ORL\VNC> winvnc -install***




   The WinVNC service is now running and is installed to run whenever the system boots up into Windows 95.

   A dialog box will appear to indicate the success or failure of the operation:




3. If you wish to change the WinVNC settings (e.g. password) when it is running as a service and is therefore not visible on the taskbar, you must use the **-settings** option. Open a command prompt and move into the directory into which you installed WinVNC. Use the **-settings** option to cause the service to display its **Properties** dialog.

   ***C:\Program Files\ORL\VNC> winvnc -settings***

   **Notes**

   If Win95 has been set to use different settings for each user then the settings used are those of the currently logged in user. If no user is logged in or Win95 is set to use the same settings for all users then the settings used are the Default user settings and are stored per-machine, rather than on a per-user basis as is done when running WinVNC normally. (Under Win95, pressing Cancel on the login dialog gives access to the Default user settings.)

4. When you wish to install a new version of WinVNC or simply wish to remove WinVNC from your machine, you must first remove the service from the system, using the -remove option. Open a command prompt and move into the directory into which you installed WinVNC. Use the -remove option, which will automatically stop the service and then remove it, and show a dialog box to indicate the success or failure of the operation.

   ***C:\Program Files\ORL\VNC> winvnc -remove***

**Note**
Failure to remove the service usually indicates that it was not installed in the first place!

5. The full command-line options available are as follows:

| | |
|---|---|
| `-run` | Causes WinVNC to run normally & ignore rest of command-line. |
| `-install` | Installs the WinVNC service and continues reading the command-line. |
| `-remove` | Removes the WinVNC service and continues reading the command-line. |
| `-settings` | Tells a running copy of WinVNC to show its Properties box. |
| `-kill` | Kills a running copy of WinVNC. |
| `-about` | Tells a running copy of WinVNC to show its About box. |

If no options are given then WinVNC runs normally. Multiple option may be given, so, for example, to upgrade from a running copy of WinVNC to a new one, you could use:

***WinVNC_new -remove -install***

which will stop & remove the old copy & install the new one as a service, or

***WinVNC_new -kill -run***

which will stop the running copy & run the new version normally.

**Notes**
The following 'features' should be pointed out regarding using the VNC as a service:

- Whether or not the VNC password is set per-machine or per-user depends on the settings in the Passwords section of the Control Panel. If Win95 is set to use a different set of registry values for each user then when a user logs in, the password will change from the per-machine VNC password to that user's VNC password. If Win95 is set to use the same settings for all users then the per-machine VNC password will always be used.

- Anything which causes the Windows VNC server to change screen resolution will also cause all viewers to be disconnected, and you'll need to reconnect.

- When WinVNC is running as a system service, no user-level copies can be run at the same time.

## VNC - Virtual Network Computing – Overview Functionality

**VNC** stands for Virtual Network Computing. It is, in essence, a remote display system which allows you to view a computing 'desktop' environment not only on the machine where it is running, but from anywhere on the Internet and from a wide variety of machine architectures. For example, you can use a VNC viewer running on a PC to display a Unix or Macintosh environment which is running on a remote machine.

VNC consists of two types of component. A *server*, which generates a display, and a *viewer*, which actually draws the display on your screen. The server and the viewer may be on different machines and on different architectures. The protocol which connects the server and viewer is simple, open, and platform- independent.

For ***Scitex*** remote support purposes, here are some interesting *server*/*viewer* configurations:

- Server on Brisque - Client on PC (95/NT)
  This configuration is equivalent to using an X emulation program on the PC for activating Brisque applications from remote.

- Server on PC (95/NT) - Client on Brisque
  This enables a Brisque to capture the desktop of the Lotem400V from remote.

So, to get started with VNC you need to run a server, and then connect to it with a viewer. Get the packages for the platforms you use from the http://www.uk.research.att.com/vnc/download.html, and install them. The VNC software requires a TCP/IP connection between the server and the viewer, and you'll need to know the name or the IP address of the server machine.

The following are covered in this document:


- Using the VNC Server for Windows NT/95

- The VNC Viewer


## Using The VNC Server for Windows NT/95

WinVNC is a VNC server that will allow you to view your Windows desktop from any VNC viewer. WinVNC makes the existing desktop of the PC available remotely, rather than creating a separate desktop as happens with the Unix server. A single NT machine can therefore be accessed by multiple users, and if they all connect at the same time they will all see the same desktop!

WinVNC will run on Windows 95, Windows98, Windows NT 4.0, Windows 2000 and on any future Win32-based systems, without the need to replace any system files or run any OS-specific versions of the program. WinVNC can also be run as a service, which means that you can log in remotely, do some work, and log out again.

Run the WinVNC server. If this is the first time you've used WinVNC on this machine you'll be prompted to set a **password**, which you'll need when you connect to the machine from a remote location. Select **sciremote** as your password. Normally you'll want to leave the other options on their default settings. (Note that the default display number is 0 on a PC. You'll need to specify this to the viewer when you connect.) Click **OK** and the server should be running.

On starting, WinVNC will add a small, green version of the VNC icon to the system task bar. Clicking on this icon with the right mouse button will cause a menu to be displayed, with the following options on it:

- **Properties** - This will cause the Properties dialog to be displayed, allowing the user to change various WinVNC parameters.

- **Kill All Clients** - This will disconnect all currently connected clients from the server.

- **Close** - Shutdown the server.

Moving the mouse over the icon should cause the IP addresses of the local machine to be displayed, if they can be discovered at that time.

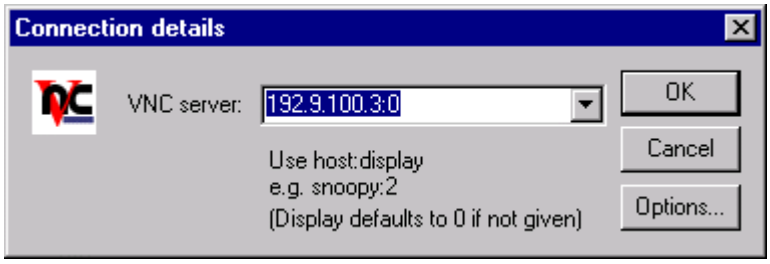
You can now go to another machine and connect a viewer to the server.

## The VNC Viewer

When you run the viewer, you need to specify the name of the server and the number of the desktop. If, for example, you have started a server as display 2 on a machine called 'snoopy', you can start a viewer for it by typing:

***vncviewer snoopy:2***

With the Windows viewer, you can run it from the command line, but you will more typically run it from the VNC group on the **Start** Menu (**Program Files > VNC > Run VNC Viewer**). In this case, you will be prompted for the host name and display number:




If the WinVNC is active in the host computer, a connection will be established and you will be prompted for the login password:




Type in the password (which should be **sciremote**) and click the **OK** button to begin the remote session.

### VNC Viewer for Windows

You can run the windows vncviewer from the command line or from a shortcut and it will prompt you for a display:

```
vncviewer
```

You can specify a display on the command line:

```
vncviewer snoopy:2
```

And you can run it with -h to get a list of other important options. These can all take either **-** or **/** as the switch character. Most of the options can also be set from the **Options...** dialog box which is available from the initial connection prompt before connecting, and some from the system menu by clicking the VNC logo in the top-left corner of the window after connection, and selecting **Connection options...**.

The system menu also allows you to see some information about the connection, start new connections, and send a **Ctrl-Alt-Del** to a remote machine. This will only have an effect if the remote server is able to interpret it, currently only true for WinVNC running as a service under NT 4.

Keystrokes such as **Ctrl-Esc** and **Alt-Tab** may be interpreted at the local (viewer) machine. If you want to send them to the remote machine, you can use the options on the viewer menu to send individual **Ctrl-down**, **Ctrl-up**, **Alt-down** and **Alt-up** keystrokes. For example, to type **Ctrl-Esc** on the remote machine, send **Ctrl-down** using the menu, press **Esc**, and then send **Ctrl-up** (or just tap the Ctrl key) to release the Ctrl key at the remote end.

The important command-line options are as follows:

**-shared**
When you make a connection to a VNC server, all other existing connections are normally closed. This option requests that they be left open, allowing you to share the desktop with someone already using it.

**-8bit**
The viewer will normally accept whatever pixel format the server offers and do the translation locally. This forces it to request 8-bit true-color (BGR233) from the server, which will reduce network traffic. Useful over modems.

**-viewonly**
In View-only mode, no mouse or keyboard events will be sent back to the server. This is useful for teaching sessions or other situations where you want to observe but don't want to interfere.

Vncviewer can now be switched into a fullscreen mode. This is particularly useful when connecting to a remote screen which is the same size as your local one. If the remote screen is bigger, you won't get any scrollbars, but you can scroll by bumping the mouse against the edge of the screen.

To leave fullscreen mode you must disable it from the menu, but the menu is no longer visible! So you have to bring the taskbar to the front by typing **Ctrl-Esc Esc**, and then right-click on the VNCviewer icon. A dialog box will appear when you select fullscreen mode to remind you of this; if, after a while you get annoyed with the dialog box, you can disable it by creating a DWORD registry value named
HKEY_CURRENT_USER\Software\ORL\VNCviewer\Settings\SkipFullScreenPrompt
and setting it to 1. A simpler method will be in a future version!

You can cause new connections to start in fullscreen mode using the **-fullscreen** command-line option.

***Brisque PPP and VNC Setup***

Note: You can find the application in the CD of Lotem version under the folder **D:\Remote support.**

To install the PPP scripts and the VNC viewer on the Brisque, follow these steps:

1. From the Lotem, copy the Remote.tar file from the CDROM on the Lotem drive to the Brisque:
   I. Get the IP address of the Brisque
   II. Open a Command Prompt (Start > Programs > MS-DOS Prompt)
   III. Go to the folder with the Remote.tar file
   e.g. ***cd \Ins\Brisque***
   IV. Run ftp to the Brisque:
   ***ftp <Brisque-IP>***
   V. Log in as user **root** and supply the password when prompted
   VI. At the ftp prompt, type in the following:
   ***cd /***
   ***bin***
   ***put Remote.tar***
   VII. Quit the ftp by typing ***bye*** or ***quit*** at the ftp prompt

2. On the Brisque, extract the **Remote.tar** compressed file:
   I. Login to the Brisque as user **root**
   II. Move to the root directory by typing
   ***cd /***
   III. Extract the Remote.tar file by typing
   ***tar -xvf Remote.tar***

3. Set the Brisque as a PPP server:
   I. Login to the Brisque as user **root**
   II. Find out the current network configuration of the Brisque by typing
   ***brisque_ip_stat***
   III. Find a free, non-occupied IP address to be assigned to the modem, according to the network configuration of the Brisque and according to the network you need to be connected when dialing to the Brisque from remote
   IV. Set the Brisque as a PPP server by typing
   ***makeppp <Modem-IP>***

***Lotem400V Diagnostics - Version 1.10 Release Note***

February 2000

The Lotem400V Diagnostics - Version 1.1 is a software package that enables testing the Lotem400V hardware locally as well as from remote. The diagnostics package in included in the official Lotem400V version 1.1 CD-ROM.


- The JOIND
  - Installation
  - Startup Process
  - Main Test Subjects
  - Coverage Level
  - Remote Diagnostics
  - Known Problems
  - Feedback and Contact


## The JOIND

The JOIND - Java Over the Internet Diagnostics - is a Scitex Client/Server diagnostics controller that runs over TCP/IP. It is an online diagnostics tool for running tests on local and remote nodes connected over the Internet or a modem. The JOIND has the capabilities for doing:

- Local and remote diagnostic testing of Scitex products
  - Multi-user level support
  - Remote chip programming
  - Software updates over the net

The JOIND system is comprised from three main components:

- A Client component

  The JOIND Client is executed in the Client computer over a Java Virtual Machine. It is the front end of the JOIND system, and it passes user requests to the JOIND Server on some far computer being diagnosed.

- A Server component

  The JOIND Server, JServer, is executed over the Java Virtual Machine on the far computer, which is being diagnosed. The JServer is the negotiator between Client requests and the required diagnostic application on the server (far) computer.

- One or more diagnostic applications

  The diagnostic applications are located on the server. The application(s) receive and execute test requests and return an appropriate status response.

The user interface of the JOIND client includes two main components:

- A hierarchical tree control that represents the functionality of the application activated on the server computer. Functions of the application are selected and executed from this tree. The tree content is dynamic and is suited to the application and to the environmental conditions that may change between sessions.
- Menu options enable the control of operations that are done on the tree. The menus are composed of fixed options, relevant for all applications, and of dynamic options that vary between applications.

## Installation

The release CD includes the Expose & Diagnostics applications. The Diagnostics tool is based on the software and hardware related to version 2.2. When the CD installation is complete, the Diagnostics icon is located on the PC desktop and in the 'Start' button (similar to the Expose Application). The size of the Diagnostics software is about 40 MB and it is located under the Expose application environment.

Note:

The JOIND diagnostics program is a client/server application that can run over the Internet or a modem - refer to the Remote Diagnostics section.

**Expose and Diagnostics applications cannot run together. Before activating the Diagnostics, verify that the Expose Application is off.**

## Startup Process

The startup process of the diagnostics, once it is initiated, includes:

- Verification of communication between the PC and the Machine.
  - Embedded software is initialized and loaded (if needed). The DDB is initialized only when accessing the DDB chapter in the test tree.
  - Electronic boards are initialized.
  - Hardware configuration is identified.

The failure results of these sub processes (if they exist) are summarized in the Startup Process window that is shown automatically when the startup is completed. In addition, a red/green indicator is shown in the right side of the diagnostics main screen.

**Note**:

During the startup process, the Plate Location dialog is displayed. Since the existence of the plate in the machine limits the tests, it is very important to select the correct location of the plate (if it exists). Otherwise, the machine may be damaged. If the plate is loaded, it is recommended to use the "Unload Plate" button to unload the plate.

## Main Test Subjects

The following components are tested:

- Power Supply
  - Boards
  - Machine
  - Machine Detectors

The machine hardware coverage is done by the bottom-top approach (an integrated approach).

**Bottom-Top Approach**

The default test sequence goes from the simple and basic hardware (P.S. and communication) through the machine boards (optomechanic drivers) to the main machine units (motors, detectors, etc.). Fixing the problems in the sequence they appear in the diagnostics test tree is recommended.

**An Integrated Approach**

Every machine unit receives input and sends output. When selecting a unit (FRU) to be tested, the diagnostics automatically checks these connections in order to maximize the coverage of the selected unit. In advance, it is possible to change (through the JOIND menu) the '**integrated**' mode to the '**stand alone**' mode.

### Coverage Level

The following list includes those units that are **not** tested in this version:

- DSM Board
  - Optic Head

**Note**:
When testing boards in the Boards category, the parts that cause the machine movements are not tested. Only in the Machine categories, is everything checked without any limitations.

### Remote Diagnostics

It is possible to run the Lotem400V Diagnostics over a modem as a Client/Server application. For doing so, you need to:

1. Configure the Brisque that is connected to the Lotem as a PPP server
2. Download the latest JOIND Diagnostic Client - a self-extracting ZIP file - from the Scitex web site under http://www.scitex.com/supp/software/downloads.htm#Joind
3. Run the self-extracting ZIP file
4. Run the Dial-Up Networking from your PC and connect to the Brisque. The user name is **ppp** and the password is **sciremote**
5. Activate the Server side of the JOIND Diagnostics on the Lotem PC. This is done from the **Start menu** of the PC, under the **Diagnostics** folder.
6. Activate the Client side of the JOIND on your PC by running the **Joind.bat** file (created by the self-extracting ZIP).
7. On the first startup window of the JOIND client, type in the IP-address of the Lotem PC.

The ability to run the Diagnostics over a modem connection is one component of the full ***Remote Support*** concept and tools. A detailed description of the ***Remote Support*** is available ob the **TIC CD Version 8**. It is also available under http://infocenter.scitex.com:83/tech_s/products/remote_s/mainframe.htm

### Known Problems

No known problems at this time.

### Feedback and Contact

Diagnostics tools are developed for all Scitex devices and platforms. We will continue to be in close contact with the field in order to improve the hardware coverage testing and the user interface. Your feedback on the Diagnostics is extremely important to us. Therefore, a special report template is available on the Diagnostics root directory:

- Bug Report.doc (in Word 97 format)
- Bug Report.txt (in plain text format)

A filled bug report, and any other comment/request/remark/question, can be e-mailed to:

**diagnostics@scitex.com**

You can also directly contact:

For Lotem relate issues: Israel_Gottesman@scitex.com
For GUI and Remote Support issues: Ido_Regev@scitex.com

## Changes from Previous Version

- In this version the Brisque identifies the Lotem as Lotem 400 and than it will not rotate the files. This change might cause missing PressFormats (see Bug list).
- The password for different types of users are:

User – No need for password.
Service Engineer – Scitex
Expert - lotempro

## System Requirements

- Brisque update 1.27
- DDB-1-N Board – FCO 510F25994

## Known Bugs and limitations

***P.C. Known Bugs / Limitations***

- Changing the Focus should be done only from the Brisque. If the change is made from the P.C. the Brisque will not update the Plate focus value until performing a "Get" in the Focus Calibration window.
- The H & W values were reversed in the Expose info window.
- When plate 340x462x0.15 is loaded and changing to plate size 605x745x0.3 the s/w will get en balance error. The solution is in new Balance script.
- When aborting in the middle of loading plate process, the loading stopper in the loading system doesn't go to H.P. (closing position).
- The movie image of the loading plate doesn't synchronize with the actual loading sequence.
- The Preferences window does not includes all the parameters that values that are different from the default.
- After changing the number of working Diode Laser the application needs to be restarted. The software doesn't prompt with the of Restart message.
- Intermediate unloading problem – The sequence stop by time out and the plate is held by the head gripper sticking out from the machine wile the actuator doesn't get an enable signal to activate the head gripper.

***Brisque Known Bugs/Limitations: (Brisque Release Note for Update 1.27)***

- When sending a job from the Brisque with more than one separation, the operator will receive a message on the P.C. requesting a new plate while the Brisque displays the same message after a long of time.
  The time difference can be up to 6 minutes.
- The Slug is not shown if the Head Margins in the Press Format is less than 16 mm.
- If Lotem 400V is identified as Lotem in the registry (displayed as Lotem_0 in the Brisque) and there are some PressFormats in the list, they will disappears after changing the name in the registry to Lotem400 (displayed as Lotem400_0 in the Brisque) and we will then get several old PressFormats
- If the TSP data cable is not connected to the host station and you send a Job for exposure, the process begins, but will fail eventually.

- Storage in the *On Press* mode - When using Quick Re-Expose on an Imposition Job originally stored on Brisque version 2.8.50 results in error #5477.

  **Workaround: From the Storage Manager, open the Job Ticket (click the** Show JT **button) and then close the Job Ticket window. There is no need to make any modifications to the Job Ticket.**
- Lotem calibration - the default mode is VLSI, even if TSP is installed.
- The *Scale* height and width values switch over (height becomes width, and width becomes height).
- In the *Plate Expose* window on the Brisque DFE, the Press Format names appear in black, instead of green or red. This makes it difficult to determine whether the Press Formats match the select Press Set.
- *Plate Expose* window - when choosing a Plate Set that matches the selected Press Format, the Plate Set name should appear in green, instead it appears in red.

  **Workaround: After selecting the correct Plate Set , simply reselect the Press Format ; this will change the correct Plate Set name to green.**
- Sometimes we get a message "Cannot plot resolution requested in page0 allowed range 60-140" during expose. The solution is to delete plate sets and create them again.(also with XL)

## Fixed Bugs

## Installation Notes

***Recommendations***

- Before installing new software, save the **Registry** file on a floppy diskette. This registry is useful for the previous version only.
- Save the **DataBase** folder on a floppy diskette.
- Write down the **IP address** of the PC.

***Save registry files:***

1. Power on the *Lotem400V*.
2. Open the right side door of the *Lotem 400V*.
3. Insert a formatted write-enable diskette into the floppy diskette drive.
4. On your PC computer, click **Start** and select **Run** from the pop-up menu.
5. Type **regedit** in the *Run* window and click **OK**.
6. Select **HKEY_LOCAL_MACHINE, SOFTWARE, Scitex, Projects, LOTEM400V**.
7. Select **Registry** from the *Main menu*.
8. Select **Export Registry** file.
9. Select **(A:) floppy** from the **Save in** window. Enter a logical file name xxx.reg. and then **save** the registry file.
10. Select **Registry** from the *Main menu*.
11. Select **Exit**.

Leave the diskette in the diskette drive and proceed to the next section for saving the *DataBase*.

***Save DataBase Folder***

1. On your PC computer, click Start and select Programs from pop-up menu.
2. Select Windows Explorer.
3. Select the C drive -> Lotem folder -> DataBase (DataBase is highlighted).
4. From the Edit menu, select Copy.
5. Select (A:) floppy. From the Edit menu, paste the DataBase folder into the diskette (alternatively, use the Drag & Drop option).
6. From the File menu, select Close.
7. Remove the diskette from the diskette drive.

***Write Down the PC Controller IP Address***

1. On your PC computer, click Start and select Settings -> Control Panel.
2. In the Control Panel window, select Network.
3. From the Network window, select Protocols -> TCP/IP address.
4. Write down the I/P Address.
5. Click OK twice and exit the Control Panel.

***Loading Lotem400V Application and Diagnostics S/W***

Please use the following procedure in order to load the *Lotem 400V* application software.

**Note: The configurations that will be selected in the screens are taken from the Registry.**

1. **Delete** the *Lotem400V* and the *Lotem4VDiag* icons (important when installing **only** the application software).
2. Insert the *Application and Diagnostics software* CD into the CD drive.
3. Wait for the *Lotem Setup* screen.
4. Select **Next** for the *Welcome* screen.
5. Select **Yes** to confirm the *Software License Agreement*.

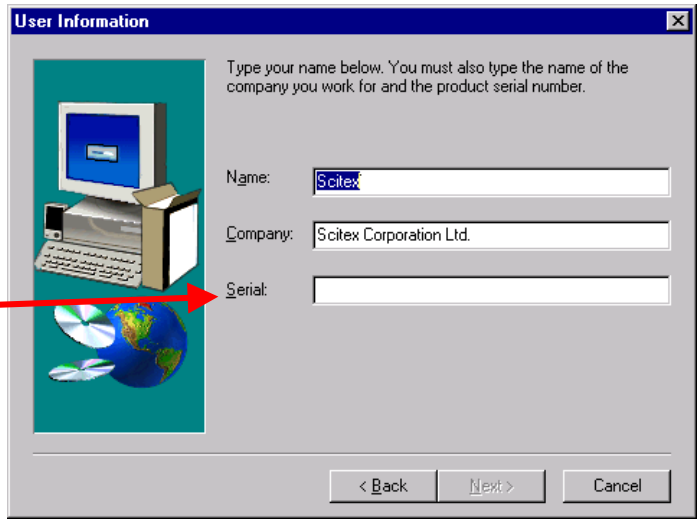
6. Enter the following:

Name: **Scitex**.

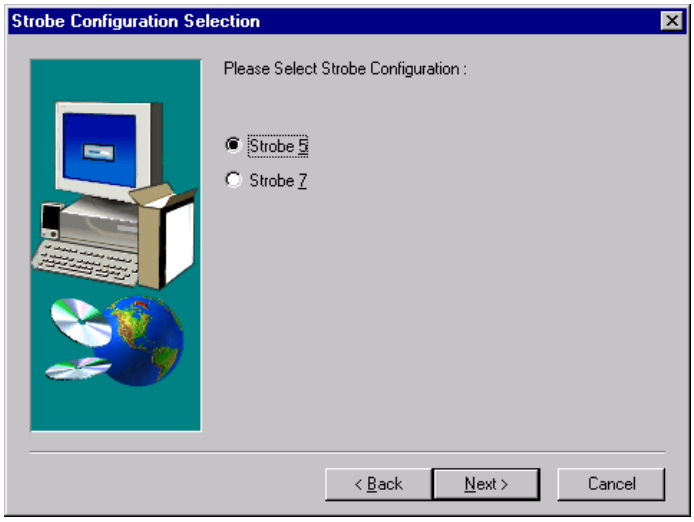
Company: **Scitex Corporation Ltd.**

Serial: (machine **serial number**)

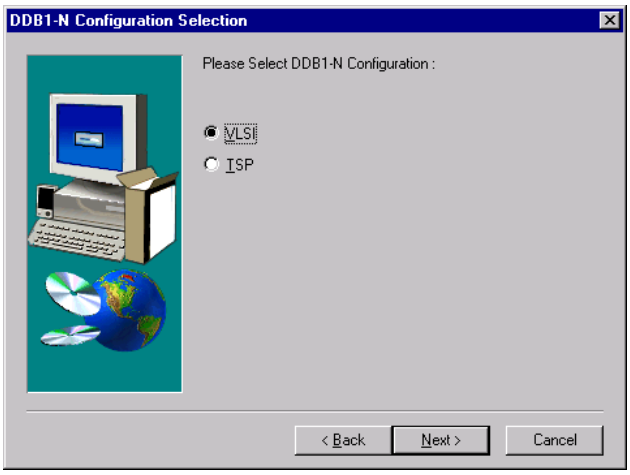
Select **Next**.



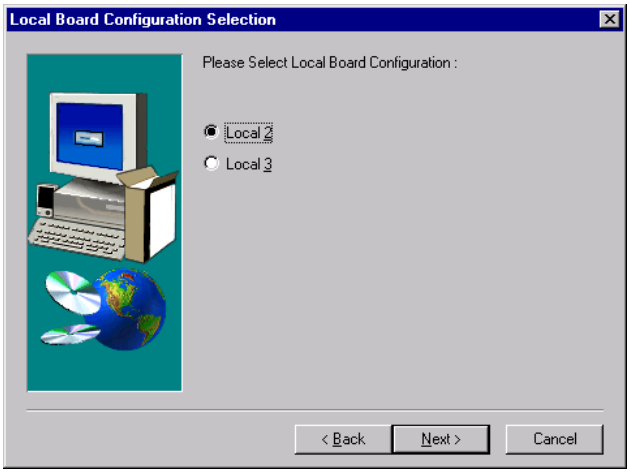

7. Verify that the *destination* folder is **C:\Lotem** and select **Next**.
8. Verify that the *Setup* type is **Typical** and select **Next**.
9. Chose the configuration of Strobe board (currently we have Strobe 5) and select **Next.**



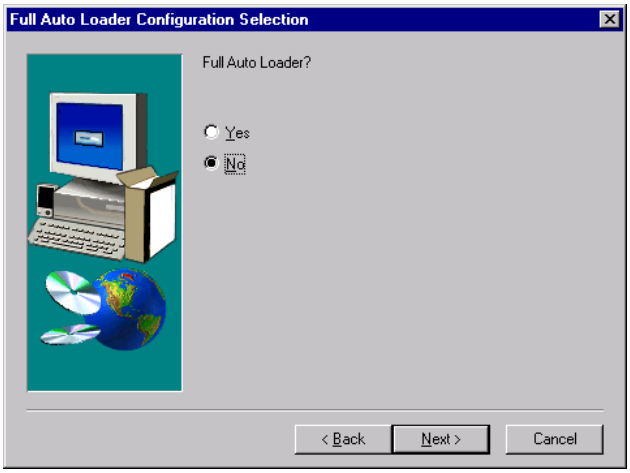
10. Select the connection to
DDB-1-N VLSI or TSP
and select **Next.**
Note: The default selection is always VLSI



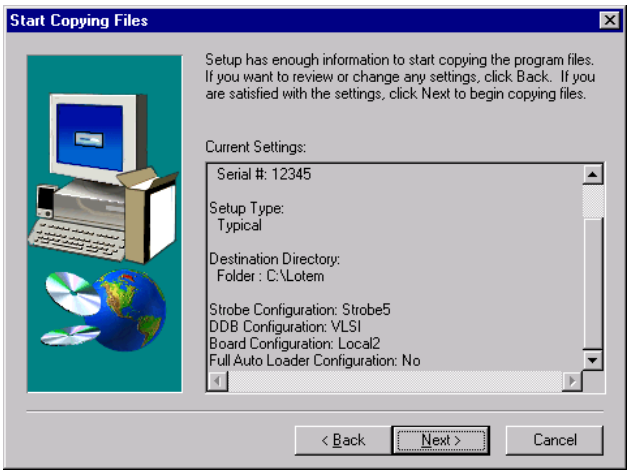

11. Select type of Local board -
two Local 2 or one Local 3.
and select **Next.**



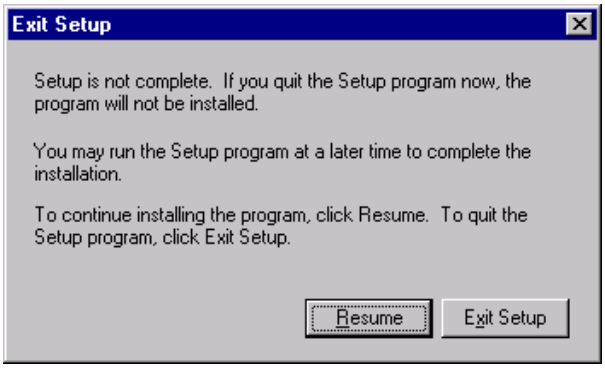

12. Select type of machine :
Without automatic loading – No
With automatic loading – Yes
and select **Next.**



13. Review and verify the information entered.
    To change the information select Back
    or if everything is correct then select **Next**




14. Select **Next** to *Start Coping Files*
    (estimated loading time is 5 minutes).
15. Select **Finish** for *Setup Complete*;
    the new *Lotem400V* and the *Lotem400VDiag* icons appear on the *Windows 95*
    screen.
16. Remove the *Application and Diagnostics software* CD from the CD drive.




***Exiting from the installation:***

In each screen you can select the
Cancel and then select the Exit Setup.

***Post Installation ATP***

- Prior to using the version, it is recommended to close all the machine doors.
- When running the application for the first time it takes up to five minutes until the main screen appears because new files are loaded to the boards.
- Check that the DataBase is the same as the old version.
- Check that the Light Calibration passes 200mw power.
- Verify that the Loading and Unloading plate procedure work properly.
- If the customer is using plates with a thickness of less than 0.3:
  Open the Focus motor window.
  Send a job. Verify that the focus motor moves 100 steps back (from the exposing position) when it detects the Edge and then goes to the right position for exposure.

## Upgrade Notes

- Do not use the saved registry from the old version and restore it to the new software. Each s/w has its own registry.
- You can lock the focus motor if the customer is using only 0.3 mm plates. Do not lock the motor in any other situation, for example if using only 0.2 mm plates.
- There is no need to load the update for Edge Detection (from the diskette). It is already included in the new software.

## Logistics

***Upgrade Kits***

Prior to updating the machine must have the DDB-1-N included in FCO 510F25994.
DDB1-1-N - Serial number 503D2L695S

# Appendix

***Brisque Loading/Unloading update***

**Loading Instruction:**

**Note: The update should be loaded on top of version 3.0 (3.0.38)**

1. Close the Scitex Application.
2. At the console prompt, login as **root** and type in your password [**ripro**].
3. Insert the CD-ROM into the CD-ROM drive.
4. Type UpdInstall UpdLotem and press <Enter>.
5. In completion, remove the CD and reboot the Brisque.
6. Login as *cdesci* and press <**Enter**>.

***Rotate Option:***

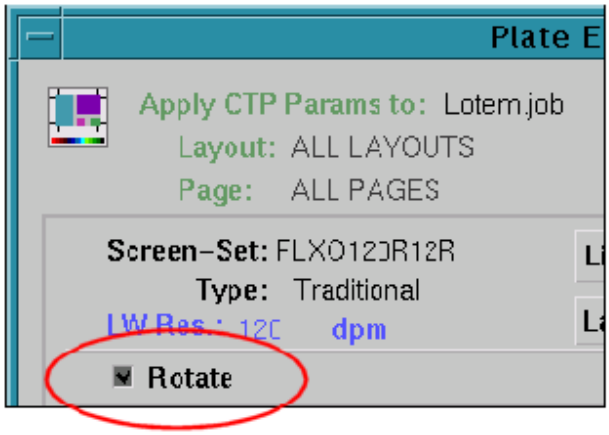
To add the *Rotate* check box to the *Plate Expose* window:

- Exit the Brisque CDE
- Type ***enableRotateButton*** at the console prompt, and then press **<Enter>**.
- You will get the rotate button in every JTE

To remove the *Rotate* check box from the *Plate Expose* window:

- Exit the Brisque CDE,
- Type ***disableRotateButton*** at the console prompt, and then press **<Enter>**.

**Important:** Activating this new option will not apply to old Brisque templates.




***Rotate* button in *Plate Expose* window**

***Remove UpdTsp 1.13***

**Note: If UpdTsp 1.13 (or older TspUpd) is loaded it should be removed**
Logout from the scitex application:

1. At the console prompt, login as root and type in your password (ripro).
2. From the AIX prompt type smit remove
3. Press [F4]
4. Type / and then type "updTsp" (find option).
5. Press Enter to select the UpdTsp module
6. Change "Review only?" to - N
7. Change "REMOVE dependent software?" to - Y
8. Press Enter twice.

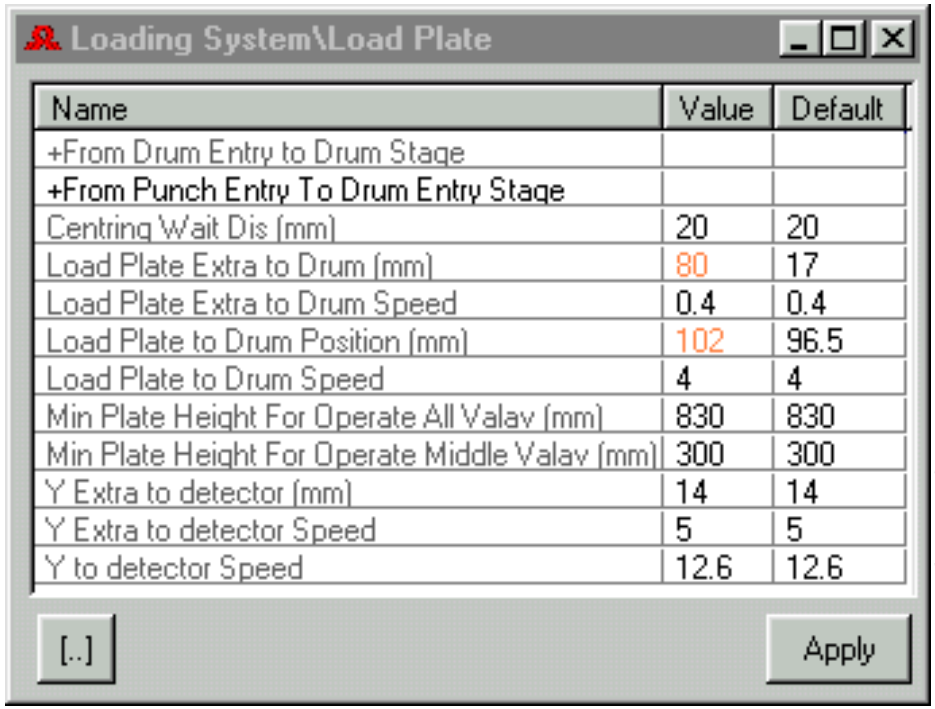
**If you already have other updates remove them in the same way.**

**If you already installed LotemUpd 1.27 - remove it.**

***Re- Install LotemUpd 1.27***

1. At the console prompt , login as ***root*** and type in your password **( ripro** ).
2. Insert the 'Upd Lotem' Update CD into the CD ROM drive.
3. At the prompt type ***UpdInstall UpdLotem*** and press <**enter**>
4. Once completed, remove the CD and type ***shutdown -Fr*** <**enter**>
5. Station will reboot. At Console Login as ***cdesci*** and type <**enter**> <**enter**>.

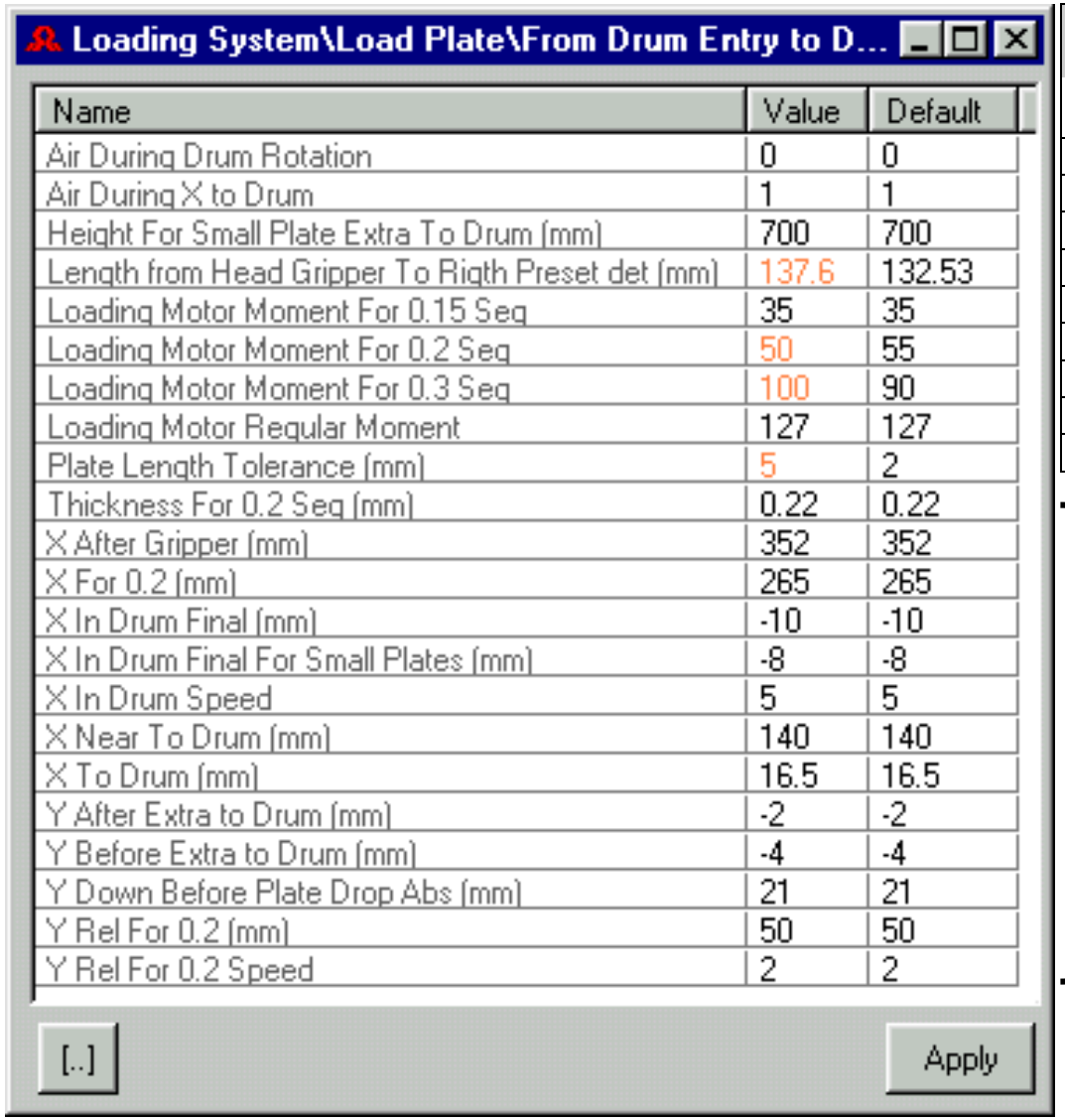
***Loading System***




| Remarks |
|---|
| |
| Open to additional window – See next page |
| Open to additional window – not used in Lotem 400V |
| |
| Advance for the second extra stage (3 mm) |
| Speed of the second Extra stage (for total of 1.6 second) |
| Adjusted of the first stage in loading plate (see procedure) |
| Speed of the first stage in loading |
| |
| |

} Not used

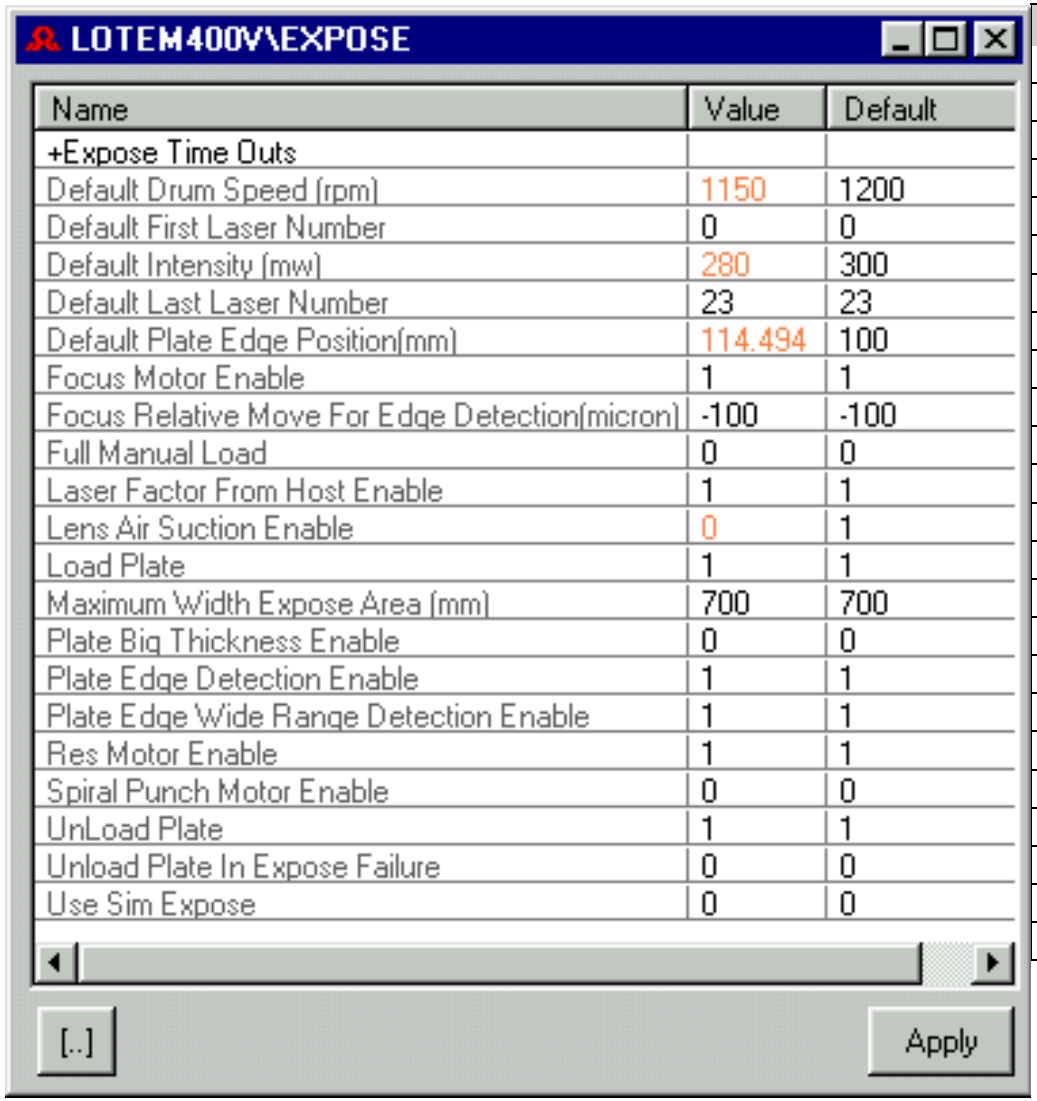
***From Drum Entry To Drum Stage***




| Name | Value | Default | Remarks |
|---|---|---|---|
| Air During Drum Rotation | 0 | 0 | |
| Air During X to Drum | 1 | 1 | |
| Height For Small Plate Extra To Drum (mm) | 700 | 700 | |
| Length from Head Gripper To Rigth Preset det (mm) | 137.6 | 132.53 | Used for measuring plate length – See procedure |
| Loading Motor Moment For 0.15 Seq | 35 | 35 | Adjust the Moment in extra stage for 0.15 plate |
| Loading Motor Moment For 0.2 Seq | 50 | 55 | Adjust the Moment in extra stage for 0.2 plate |
| Loading Motor Moment For 0.3 Seq | 100 | 90 | Adjust the Moment in extra stage for 0.3 plate |
| Loading Motor Regular Moment | 127 | 127 | |
| Plate Length Tolerance (mm) | 5 | 2 | Plate length tolerance allowed |
| Thickness For 0.2 Seq (mm) | 0.22 | 0.22 | |
| X After Gripper (mm) | 352 | 352 | |
| X For 0.2 (mm) | 265 | 265 | |
| X In Drum Final (mm) | -10 | -10 | |
| X In Drum Final For Small Plates (mm) | -8 | -8 | |
| X In Drum Speed | 5 | 5 | |
| X Near To Drum (mm) | 140 | 140 | |
| X To Drum (mm) | 16.5 | 16.5 | |
| Y After Extra to Drum (mm) | -2 | -2 | |
| Y Before Extra to Drum (mm) | -4 | -4 | |
| Y Down Before Plate Drop Abs (mm) | 21 | 21 | |
| Y Rel For 0.2 (mm) | 50 | 50 | |
| Y Rel For 0.2 Speed | 2 | 2 | |

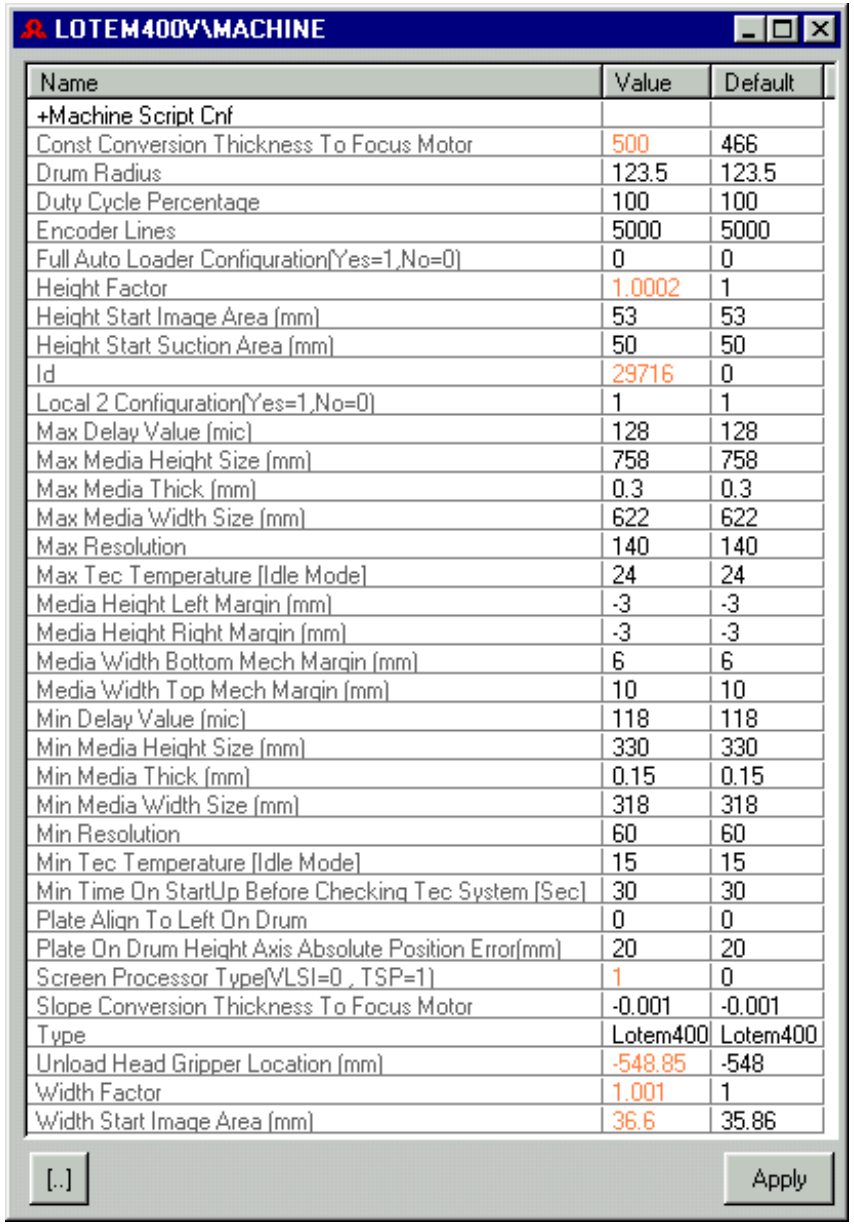
Not used

***Plate Expose***



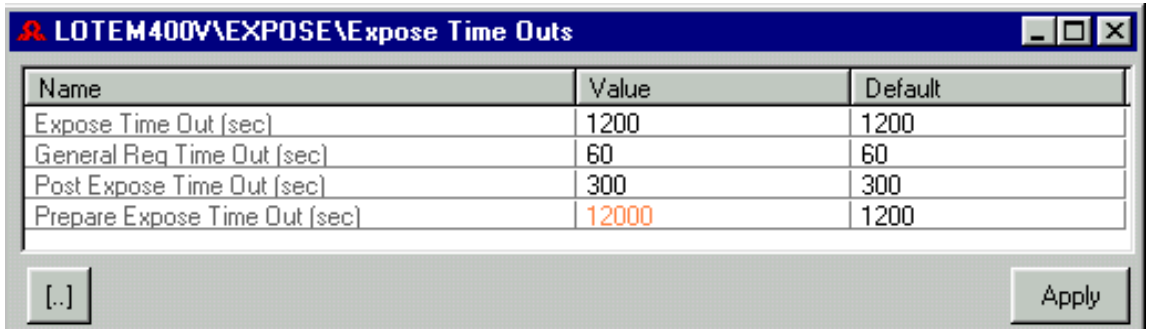

| Remarks |
|---|
| |
| |
| |
| |
| First Laser to Expose |
| |
| Last Laser to Expose |
| Last time the Edge was detected |
| |
| The movement of the focus motor to find the edge |
| |
| |
| |
| |
| |
| |
| Disable/Enable the edge detection |
| Disable/Enable the wide range edge detection |
| |
| |
| |
| |
| |
| |

***Machine***



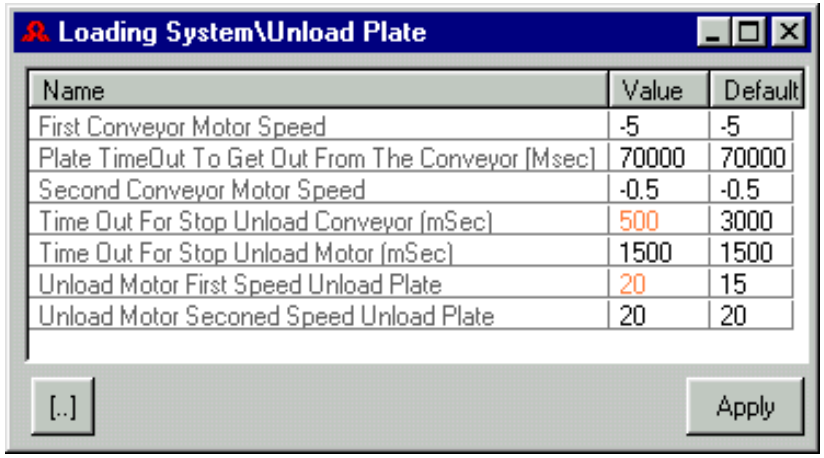

| Remarks |
|---|
| |
| |
| The focus number for 0.3 plate (need to substract 300) |
| |
| |
| Full auto loader |
| |
| The hight starting point (minimum position for edge detection) |
| |
| Machine Serial Number |
| |
| |
| |
| Maximum media thickness |
| |
| |
| |
| The offset when exposing positive plates |
| Width tail margin – around the drum |
| Width head margin – around the drum |
| |
| |
| Minimum media thickness |
| |
| |
| |
| |
| |
| VLSI or TSP selection |
| |
| The name of the machine for the Brisque (will effect the rotation) |
| |
| |
| The starting point around the drum |

***Expose time out***



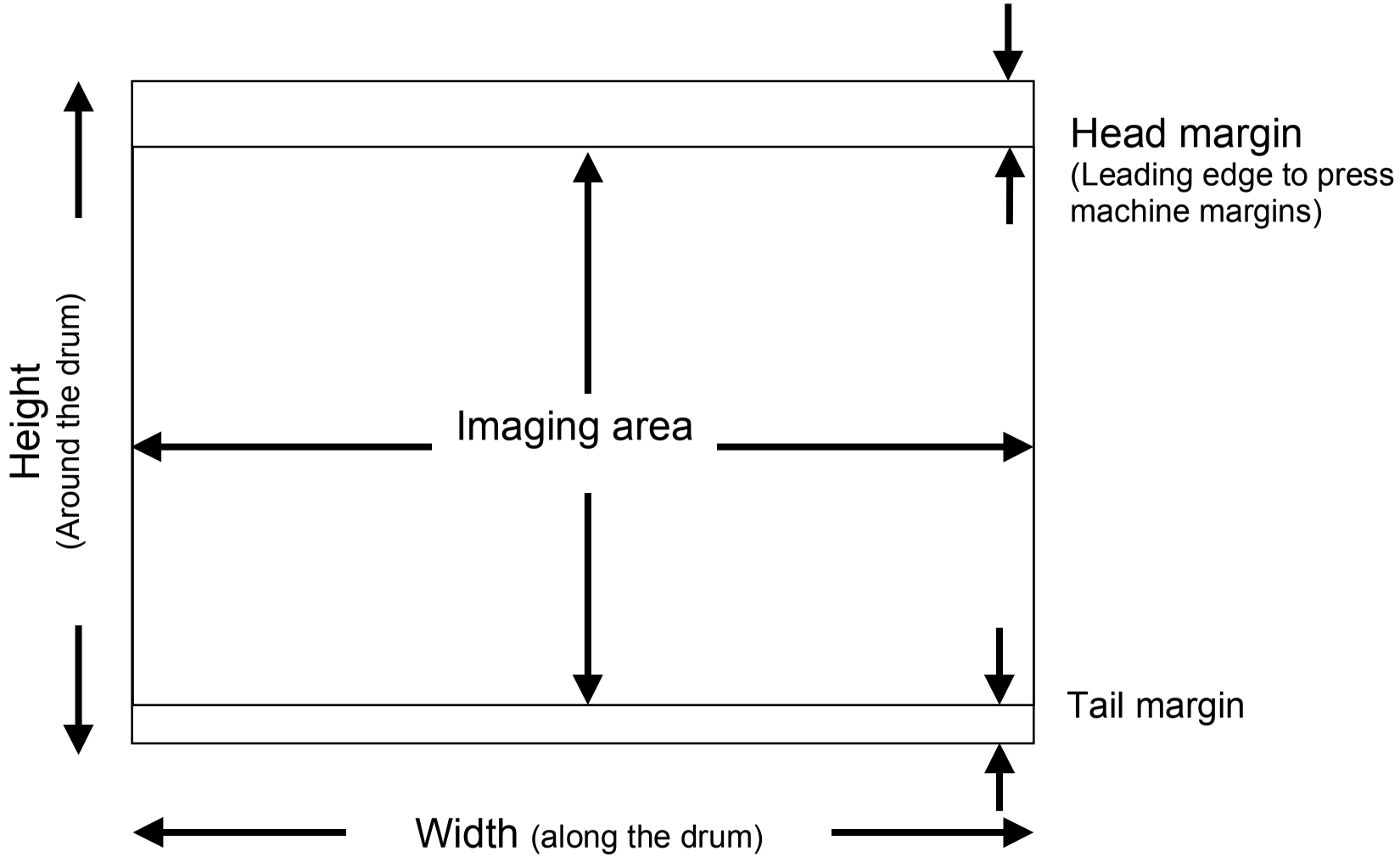

| Remarks |
|---|
| |
| |
| |
| |

***Unload***

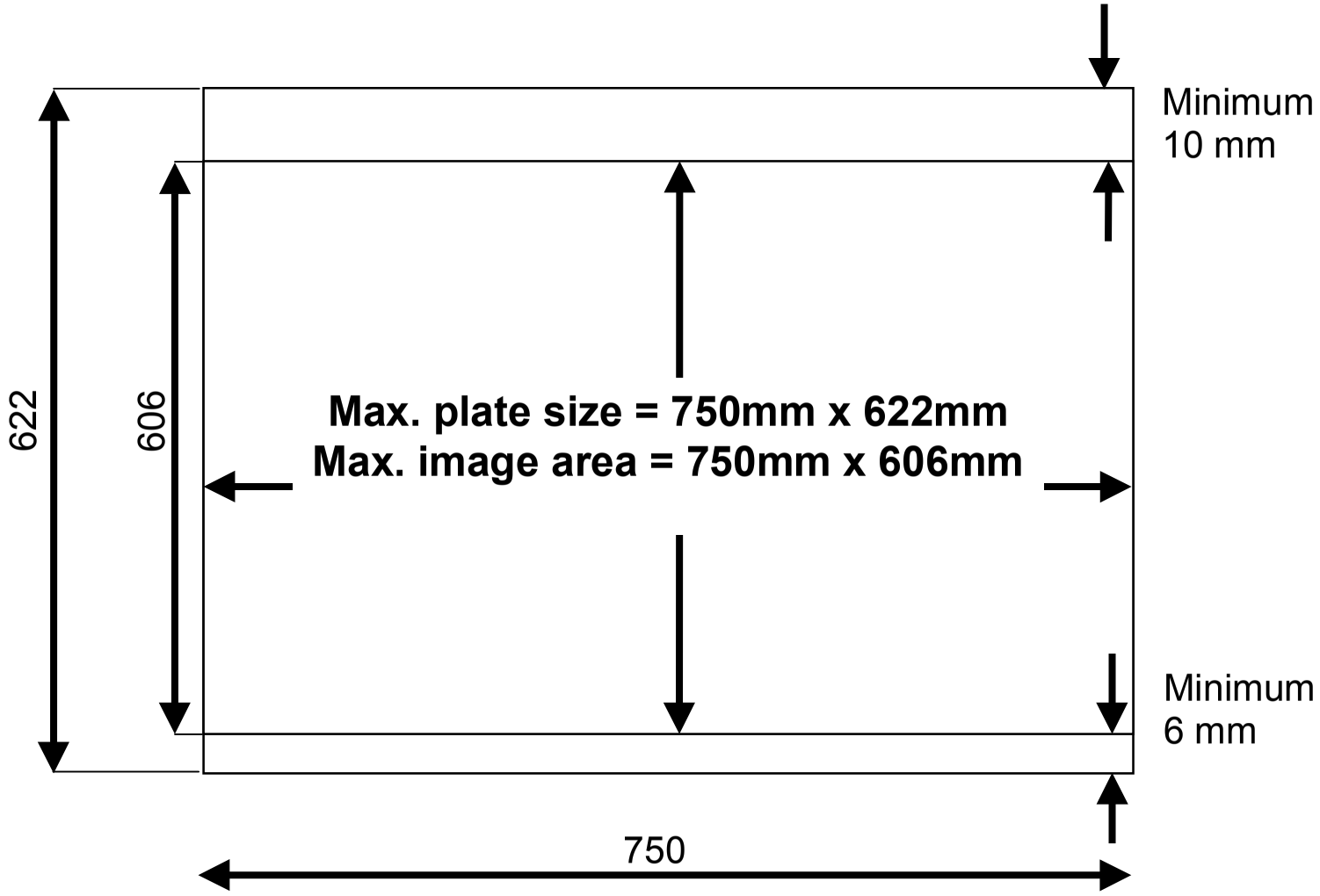



| Remarks |
|---|
| |
| The first **speed** before the plate reach the convevor detector |
| The overall **Time out** for plate to exit from the convevor |
| The second convevor **speed** after the plate was sensed by detector. |
| **TimeOut** for the second speed after the plate exit from the convevor |
| Time out for unload motor after detector PlateOutOfMachine |
| Unload First Speed |
| Unload second Speed |

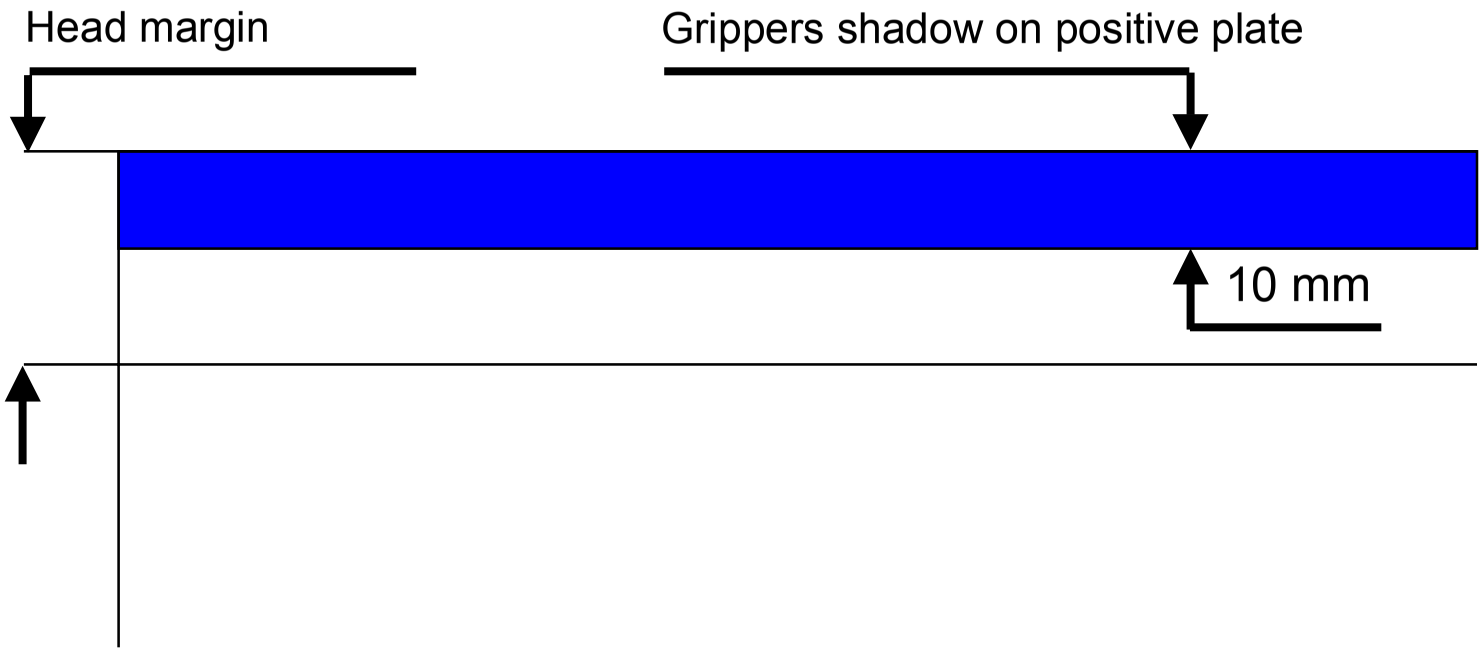
# Plate geometry - terminology



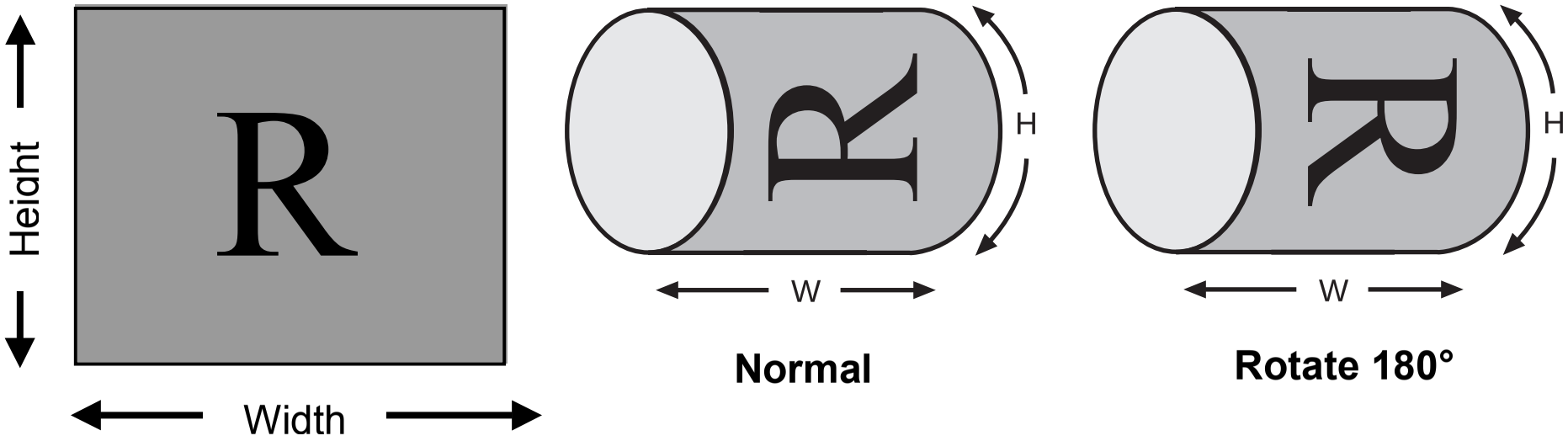
# Plate geometry - dimensions



# Plate geometry - head margin



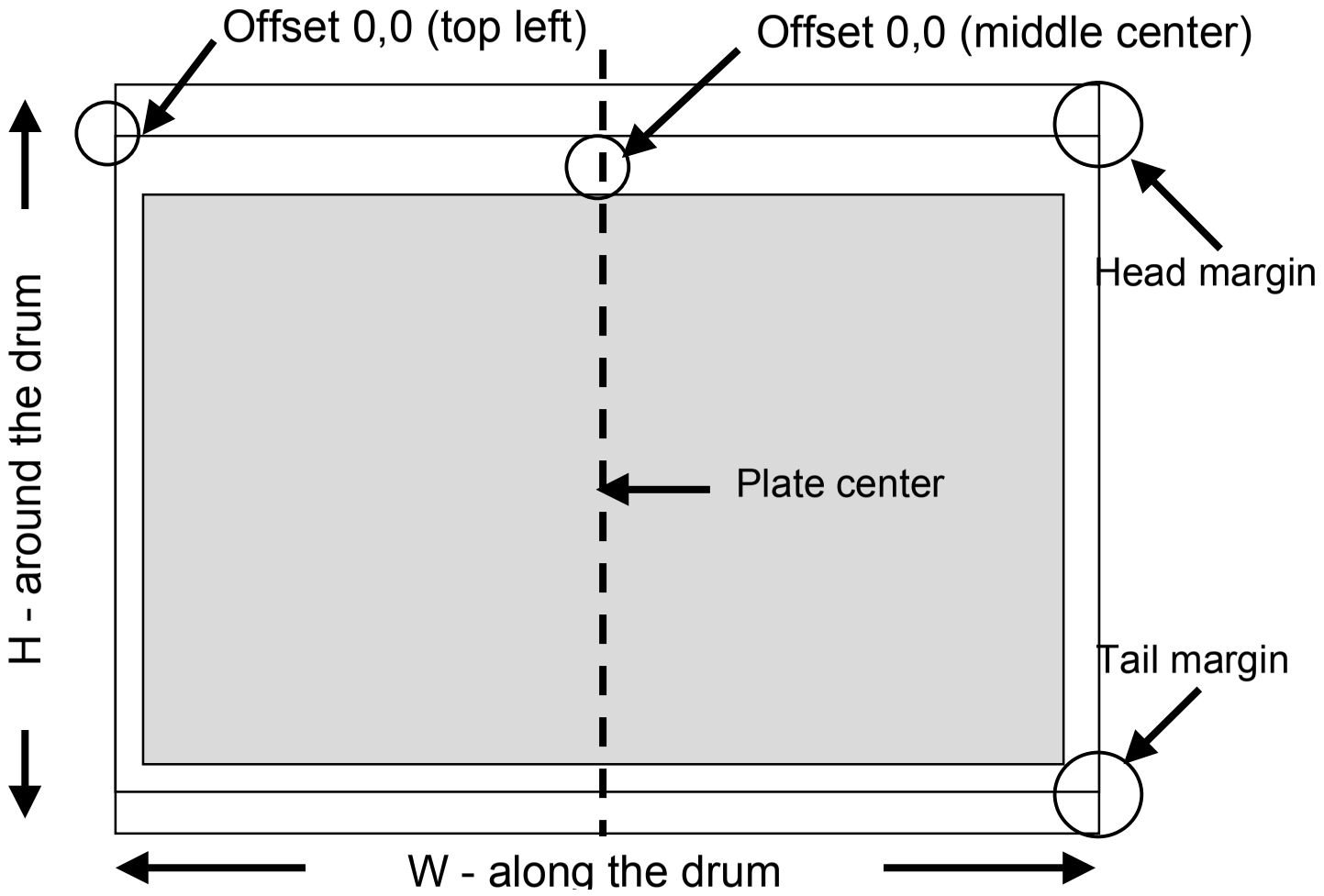
# Drum orientation



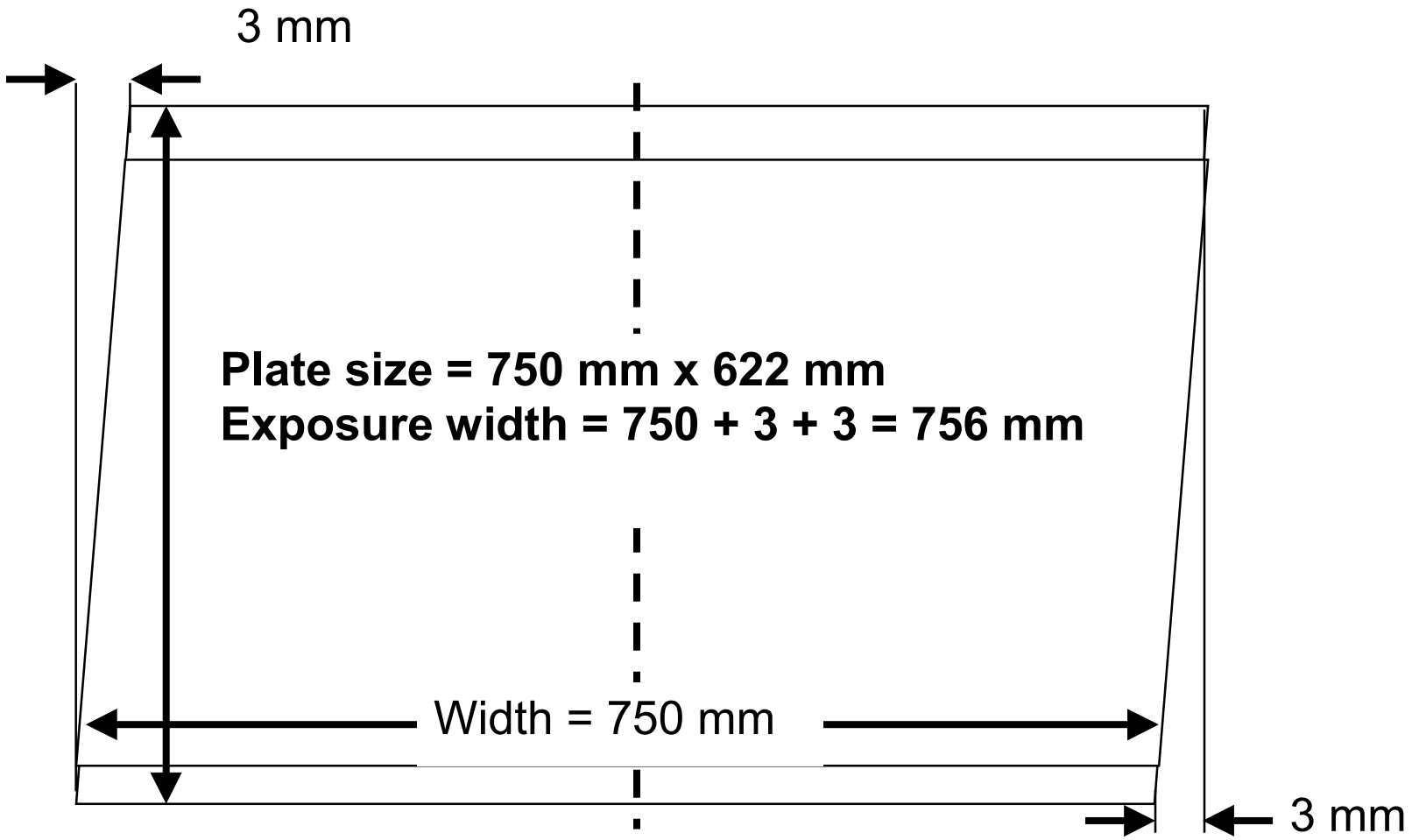

Job on Brisque

Job on PlateSetter

# Image offset

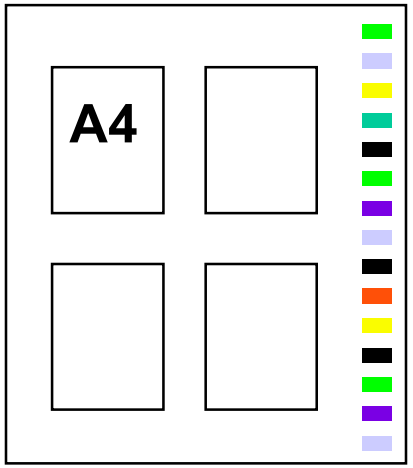


# Negative exposure

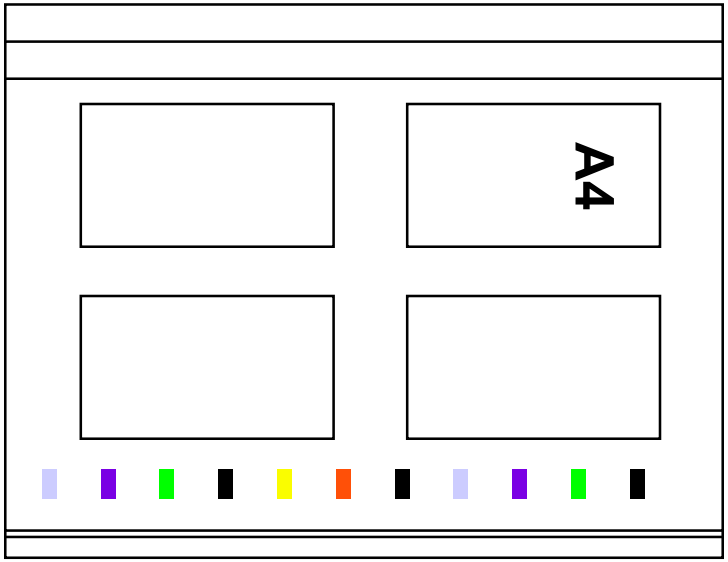


# Plate orientation

Brisque Screen




Plate




Brisque Plate

