# Using Test Plot Applet

**Applies to**

☑ All Trendsetter MCE devices using Service Shell 2.5 or greater

**Background**

The release of the Trendsetter MCE platform made many of the existing scripts for setting up new media obsolete. To address this issue **Test Plot Applet (TPA)** was created. It is a GUI based applet to help with setting up media.

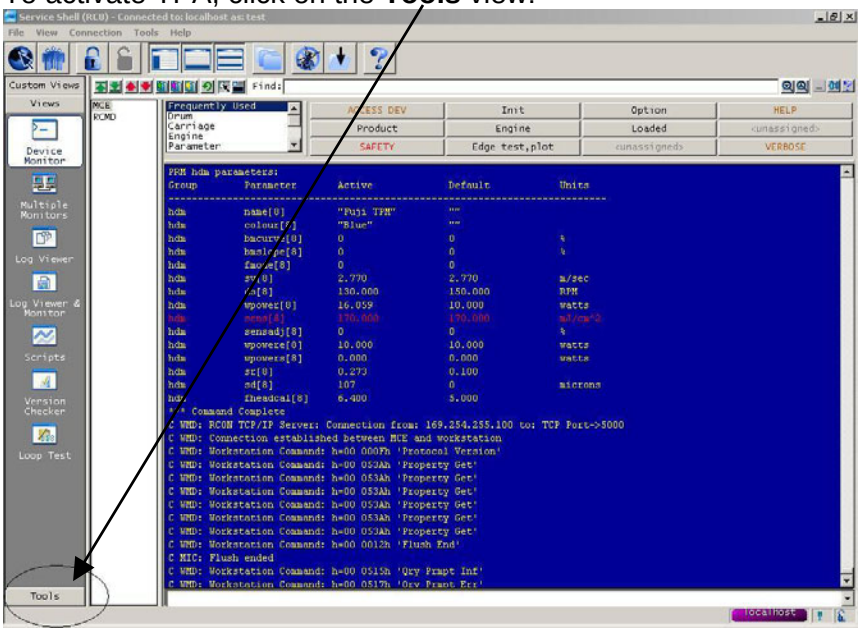
**Tools and parts**

- Service Shell 2.5 or greater

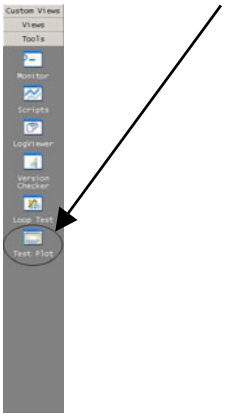
**Steps**

TPA is bundled with Service Shell 2.5 so for MCE devices it will be installed automatically with controlled releases containing Service Shell 2.5

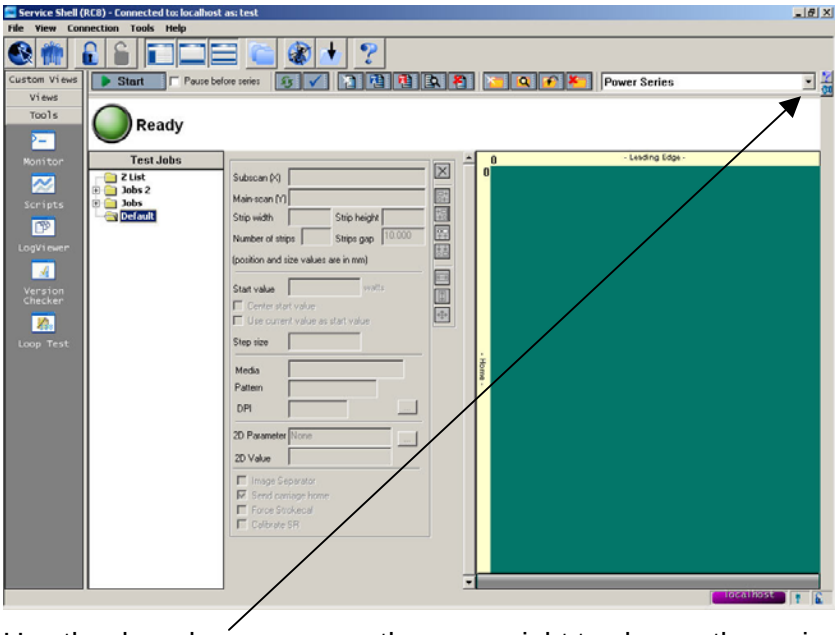
1. To activate TPA, click on the **Tools** view:




2. Click on the **Test Plot** icon.




**Note:** You can't run Print Console and TPA at the same time. You must shut down Print Console for TPA to work.

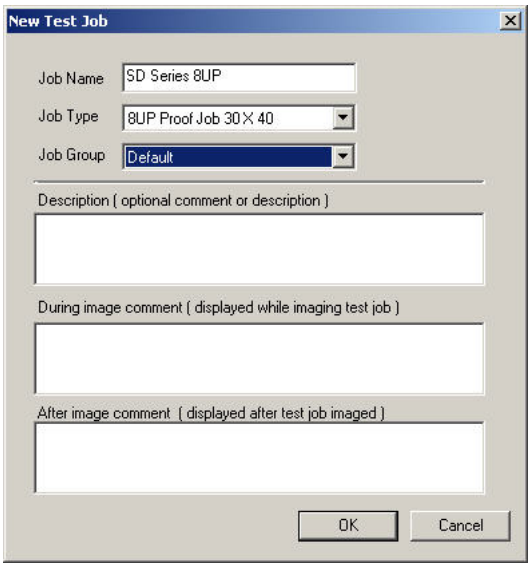



3. Use the drop down menu on the upper right to choose the series type you are plotting.




4. Select **Surface Depth Series**

5. Click the **New Test Job** button (3rd in from the left side)
The **New Test Job** dialog box opens:




- Type the **Job Name** (for example, *SD Series 8up*)

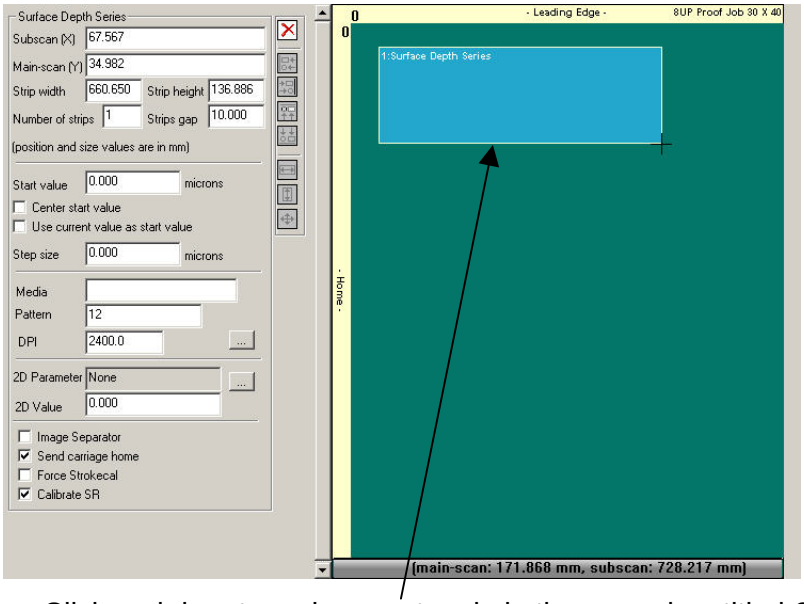
**Note:** The series you create will be specific to a given media size.

- Choose the Job **Type** (4up, 8up or custom plate job)

For this example we will use **8UP proof Job 30 X 40**

- Select the storage folder for the job in **Job Group** (for example, Default)
- **Description**, **During image comment** and **After image comment** provide for optional information to be displayed by TPA.
- Click **OK**

6. The green box on the right side represents the media.



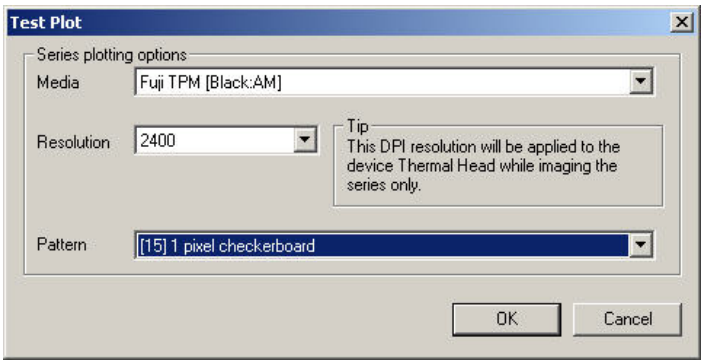

- Click and drag to make a rectangle in the green box titled *8UP Proof Job 30 x 40* if you are following the example.
  This rectangle represents the first strip of your series. It should be labeled *1:Surface Depth Series*

7. Fill in the following information in the **Surface Depth Series** box as follows:

- **Subscan (X)** 20
- **Mainscan (Y)** 20
- **Strip Width** 30
- **Strip Height** 100
- **Number of Strips** Pick the number of strips that you want to make, for example, 20
- **Start Value** Pick the starting surface depth that you want, for example, 40 microns
- **Center start value** and **Use current value as start value** Leave these check boxes clear.

- **Step size** 5 microns

8. Click the **…** button in the next section.
   A **Test Plot** dialogue box opens:




- Choose the media that you want to test. (for example, Fuji TPM [Black:AM]

**Note:** The media and HDM names MUST only describe the media type NOT the color.

```
>>set hdm 8 name Fuji TPM
>>set hdm 8 colour Black
```

NOT

```
>>set hdm 8 name Fuji TPM Black
```

All media names must be identical!

- Choose the **Resolution** that you want to test.
- Choose the test **Pattern** that you want to use.
- Click **OK**

**Note:** The title on your series is now *1: Surface Depth Series Fuji TPM [Black:AM]*

9. Click and drag another rectangle in the green box under the previous box.
10. Fill in the **Surface Depth series** box as follows:

- **Subscan (X)** 20
- **Mainscan (Y)** 140
- **Strip Width** 30
- **Strip Height** 100
- **Number of Strips** Pick the number of strips that you want to make, for example, 20
- **Start Value** Pick the starting surface depth that you want, for example, 40 microns

- **Center start value** and **Use current value as start value** Leave these check boxes clear.
- **Step size** 5 microns

11. Click the **…** button in the next section.

    A **Test Plot** dialogue box opens:

    - Choose the next media that you want to test. (for example, Fuji TPM [Magenta:AM]

**Note:** The media and HDM names MUST only describe the media type NOT the color.

```
>>set hdm 8 name Fuji TPM
>>set hdm 8 colour Magenta
```

NOT

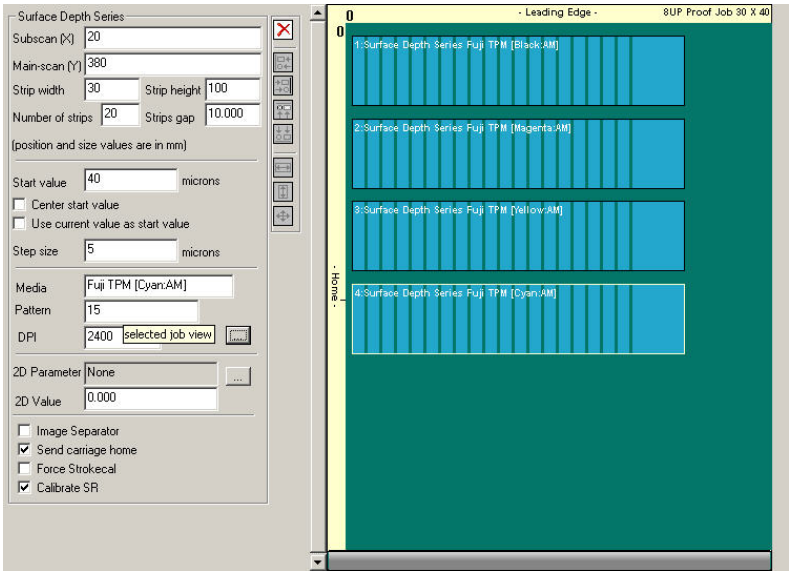
```
>>set hdm 8 name Fuji TPM Magenta
```

All media names must be identical or you will see an error message **More than one media ……**!

- Choose the **Resolution** that you want to test.
- Choose the test **Pattern** that you want to use.
- Click **OK**

**Note:** The title on your series is now *1: Surface Depth Series Fuji TPM [Magenta:AM]*

12. Repeat this set up for all colors that you want to test.
13. Once you have set up all the colors that you want to test, click **Save test job**



14. Click the **start** button
15. Follow the instructions in TPA

The process works the same way for any series that you are making. The drop down menu gives you a choice of:

- Power series
- Slope series
- Curve series
- MAG series
- Drum speed series
- Surface depth series
- Focus series

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|---|---|
| **See also** | • The online help for TPA for more details |
| **Technical contact** | Darren Brant, Doug Jeffery |
| **Date submitted** | 23 Mar 2004 |
| **Date modified** | 30 Mar 2004 |