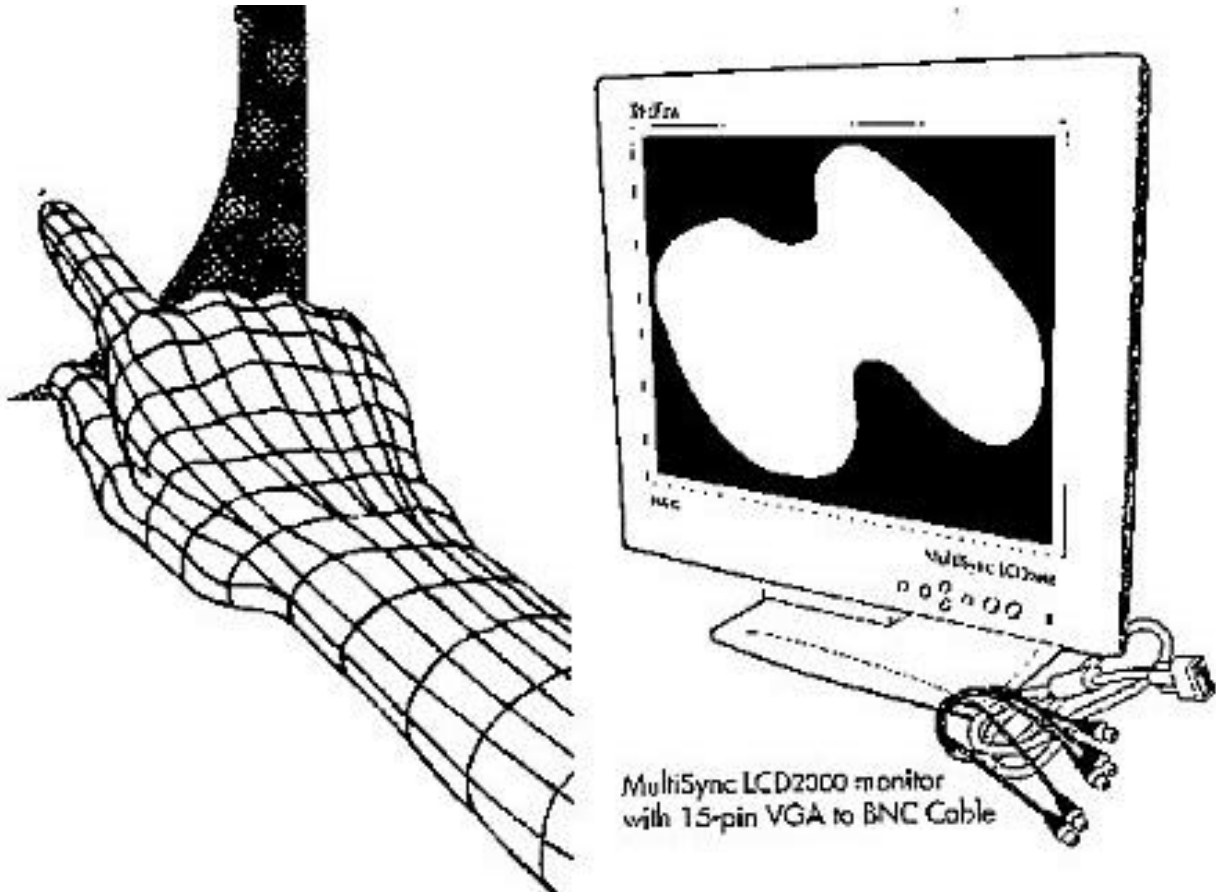




## **Sceptre Application Notes** **EMD Touch Screen Option**

The EMD Sceptre System has now been enhanced and supports a 21" Flat Panel Touch screen display. The NEC LCD2010 (1280 x 1024 resolution) Flat Panel display along with an integral ELO touch screen that operates as an alternate mouse.

It is a lower level heat source using only 35 Watts, compared to a typical conventional 21" CRT that

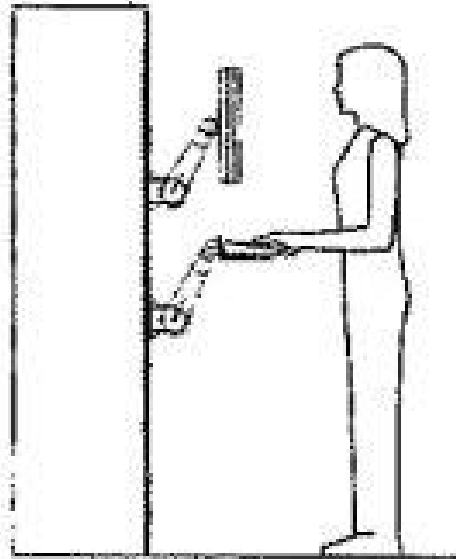
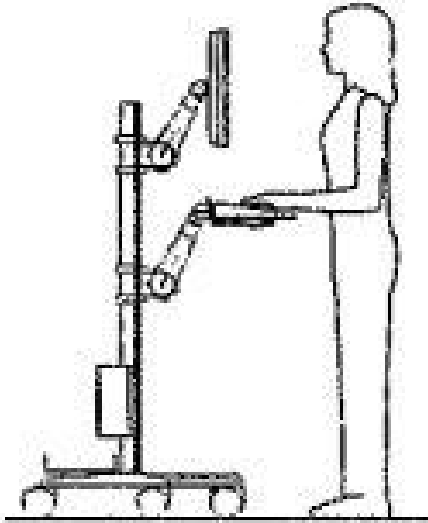


uses 300 Watts of power. Heat sources and proximity to the CMM will adversely effect the metrology and accuracy. This display allows for closer proximity while not significantly influencing accuracy.

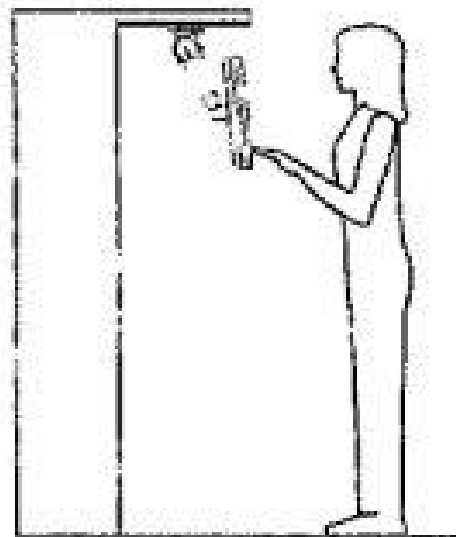
inside of the machine volume. This enables the user to quickly focus on the display while working at the machine.

## Different Mounting Options for Display

Vertical  
Surface  
Mounted  
AEMTS,  
page 6



Horizontal  
Surface  
Mounted  
AEMTS,  
page 11



- 1) Plug the Regular Serial Mouse into COM1
- 2) Plug the Touch Screen Serial cable into COM2
- 3) Copy from the Touch Installation Disk MOUSE.COM to the C:
- 4) If there are any mouse, trackball or keyboard drivers they need to be disabled  
In both autoexec.bat and config.sys
- 5) Add a line to AUTOEXEC.BAT C:\MOUSE
- 6) Reboot System
- 7) From Windows RESTART in DOS mode
- 8) A:INSTALL Follow dialogue Instructions( use defaults )  
Windows Express Installation  
Serial  
COM2  
GO – Follow instructions for Calibrating Touch Screen
- 9) Reboot system
- 10) On Entering Windows follow instructions for Calibrating touch screen  
Set Click on Touch Mode  
Set Click Sound on Touch Mode
- 11) Change C:\SCEPTRE\TBL\CONPATHS.TBL  
LINE 47 TOUCH SCREEN ON Switch →TRUE  
LINE 49 NEC LCD 2010 ON Switch →TRUE
- 12) When Entering Sceptre type “TSCAL” follow instruction for Calibrating  
Screen