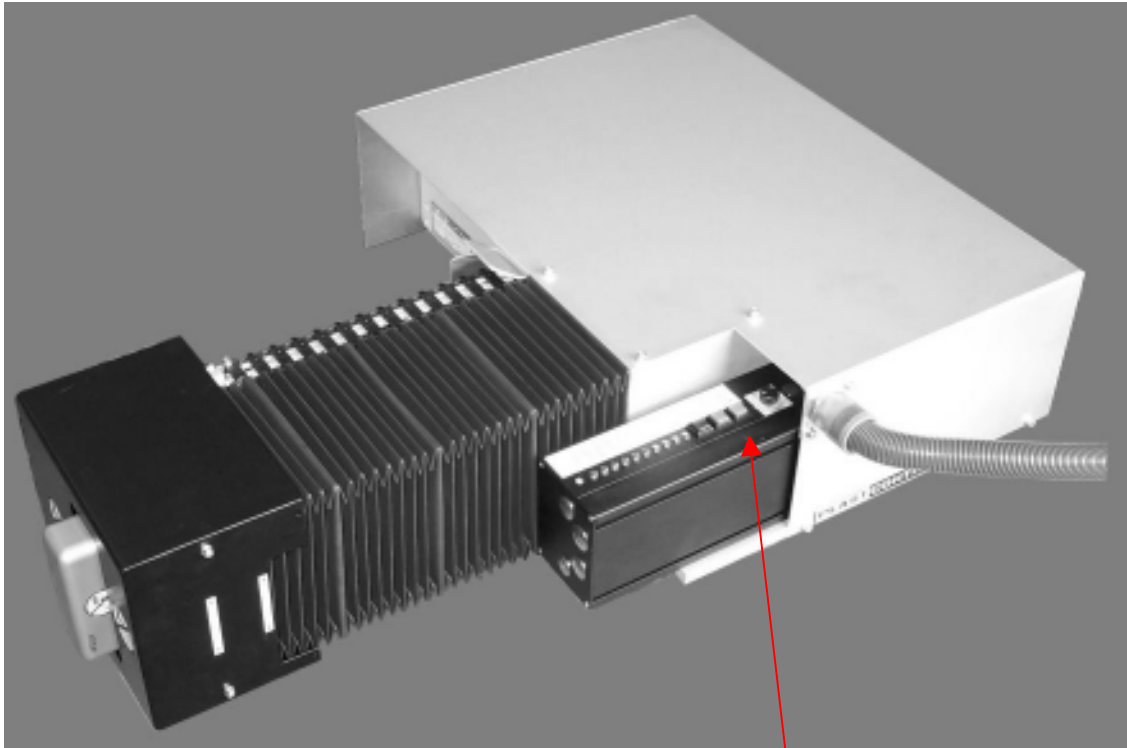


Procedure to change C-HEAD contact pressure on the bubble

There are two ways to adjust the contact pressure to the film. One is in software of the ACS and the other is a potentiometer on the radial adjustment. Generally the potentiometer is set in the mid position (zero) and the software parameter LVDEEP is adjusted during commissioning for proper contact. After initial startup it is generally enough to just use the potentiometer for adjustments.



Radial Linear Adjustment with force control



Potentiometer

Potentiometer to adjust contact pressure

To adjust the software parameter LVDEEP or to enable/disable the potentiometer do the following on the ACS screen:

- Press “ESC” button until display shows:
 - 1)
 - 2)
 - 3)
 - 4)
 - .
 - .
 - 9) Service (select Service)
- When “Enter Password” is displayed type a “1” and press enter.
- On next menu select :
 - 2) Parameter Service
- On next menu select :
 - 8) Parameter Profile
- On next menu select :
 - 3) Parameter Profile – NODE LVDT

A list of parameters will be displays, the first parameter is:
LVDEEP

This is the parameter to adjust the pressure to the bubble for the capacitive sensor.
For thinner soft films a value around 130-140 can be used.
For thicker stiff films a value around 90 can be used.

To enter the number either use the cursor up/down keys or with finger touch the box next to the LVDEEP.

When cursor is in this field enter the desired number and press “Enter” key.

- If you want the new value to be saved to memory in case of a loss of power then complete these steps.
- Press “ESC” twice until the screen shows the list for Parameter Service again.
 - Select number 1) Parameter Save.
 - A message at the top will show “Saved”
 - You can now return to user screens.

The previously mentioned potentiometer can be turned off so plant personnel cannot have access to changing the pressure.

This potentiometer can be enabled/disabled with the parameter LVOFFS.
Use the parameter setup as stated below to enable the potentiometer function:

Profil_Node LVDT	
LVOFFS	Operating range in $\pm 1/10$ mm (0 = disabled)