

Unpack S-611

- 1. Cut straps and remove outer cardboard protective cover**
- 2. Remove S-611 from pallet and place equipment where it is to be located**



Remove S-611 from pallet and place the equipment at a desired location

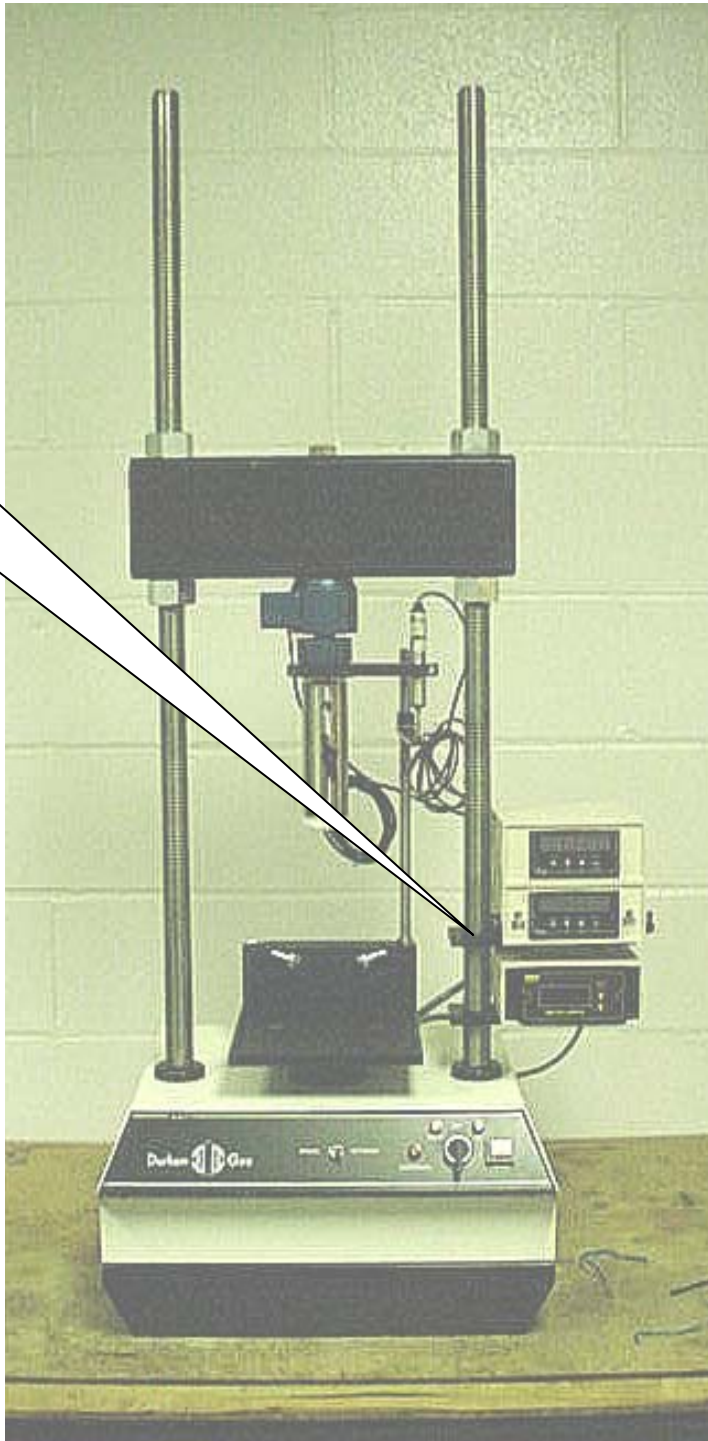


The Controller and Meters have been moved to allow for shipping.

- Using a 3/16 Allen wrench, loosen the screw on the mounting bracket and rotate both meter and controller to desired position
- Next slide will show proper configuration of meters and controller



Loosen Allen head screw and rotate controller and meters as shown





Next , hook up
 the Load cell and
 Displacement
 transducer.

**Load
 Cell**

**Displacement
 Transducer**

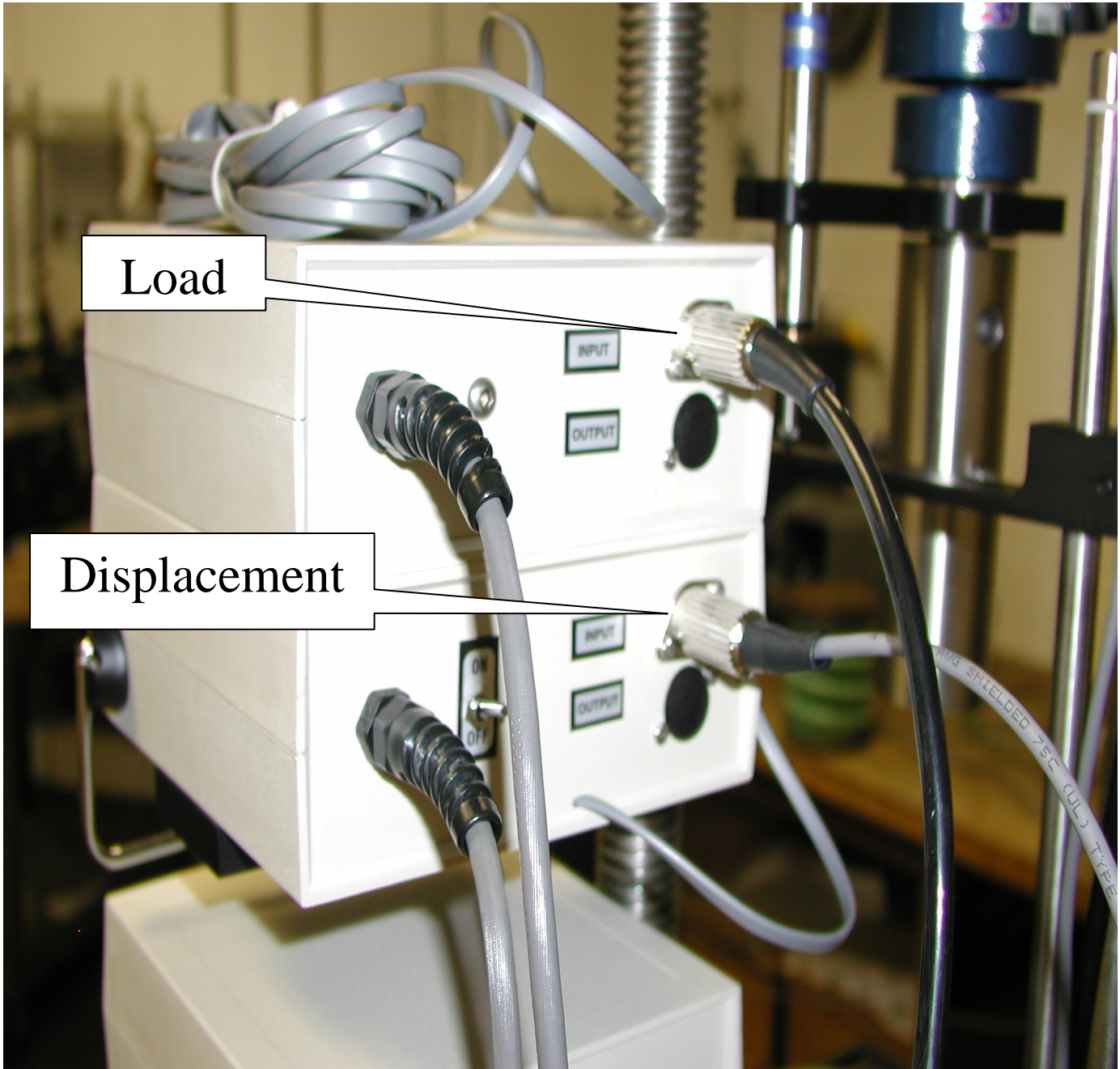


Connect the input
 cords to the back
 of each meter
 using the following
 diagram.

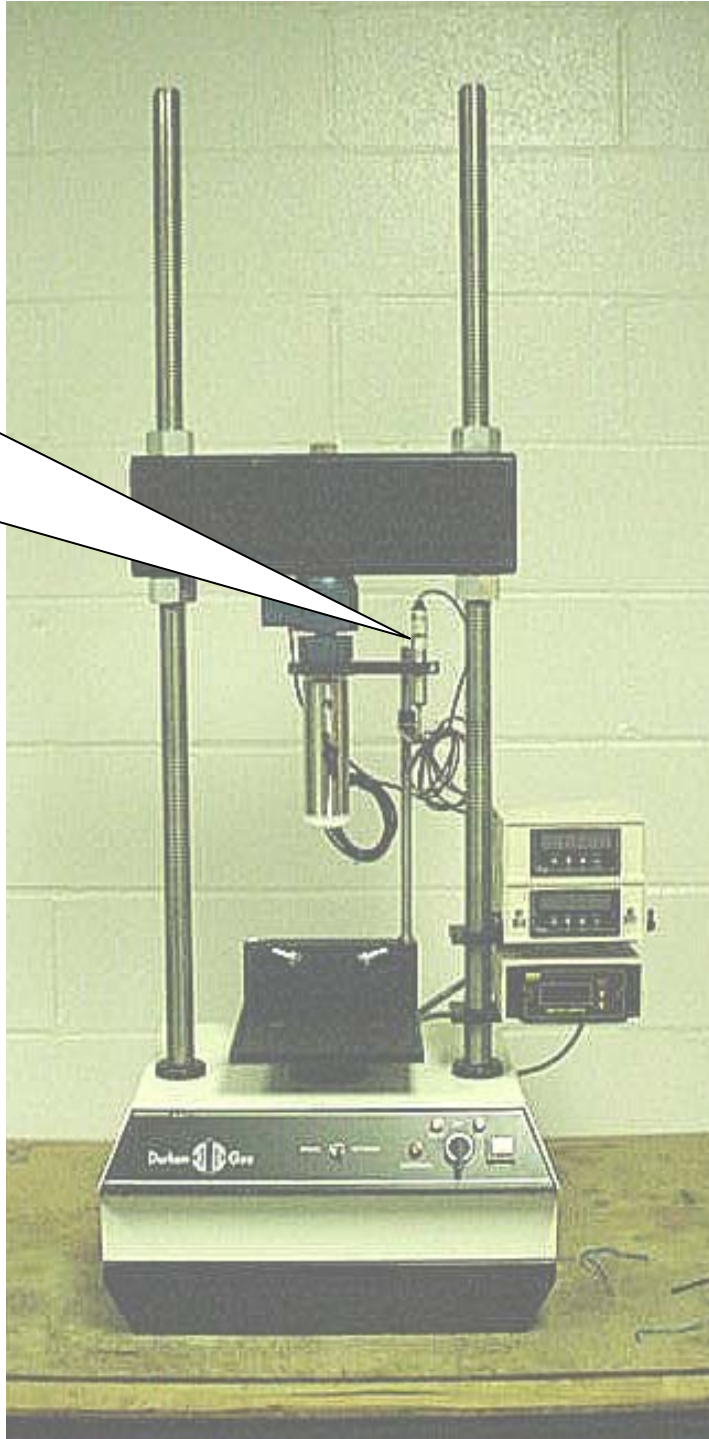
Load

Displacement

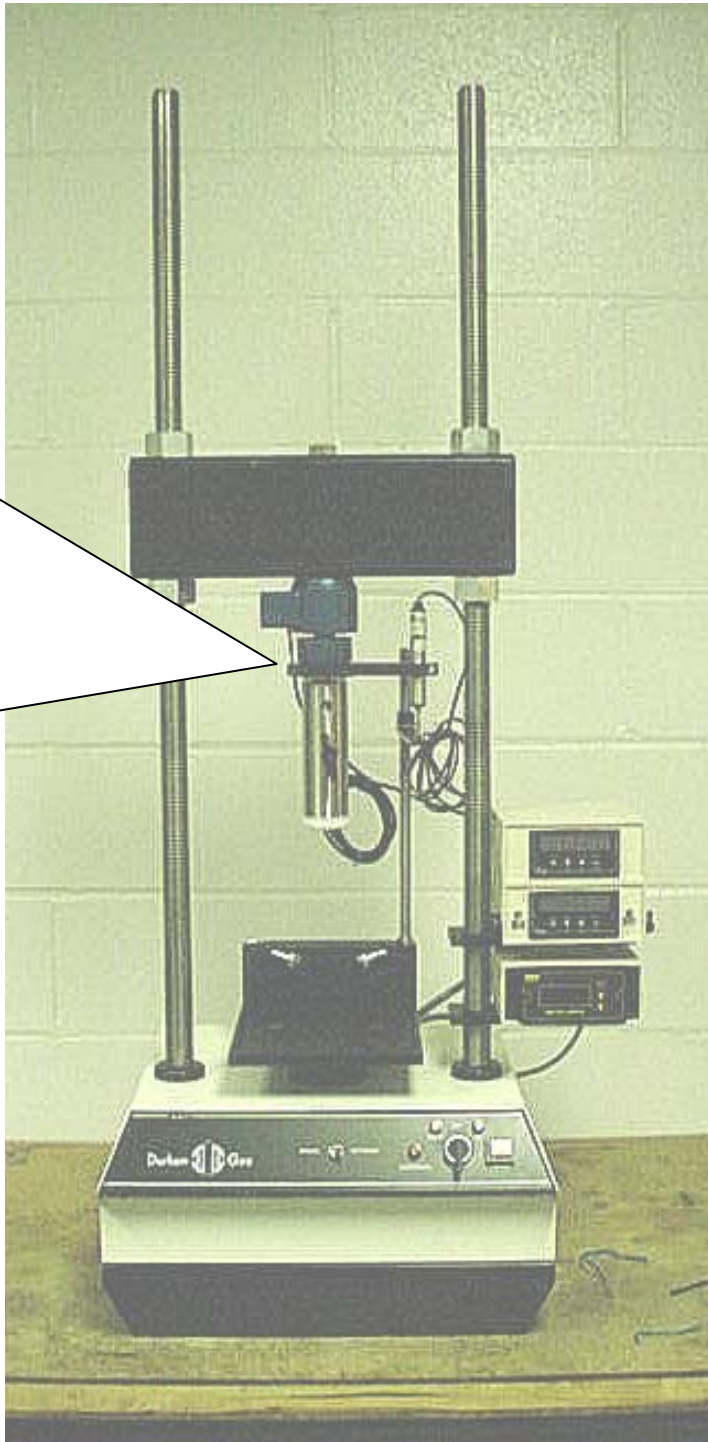




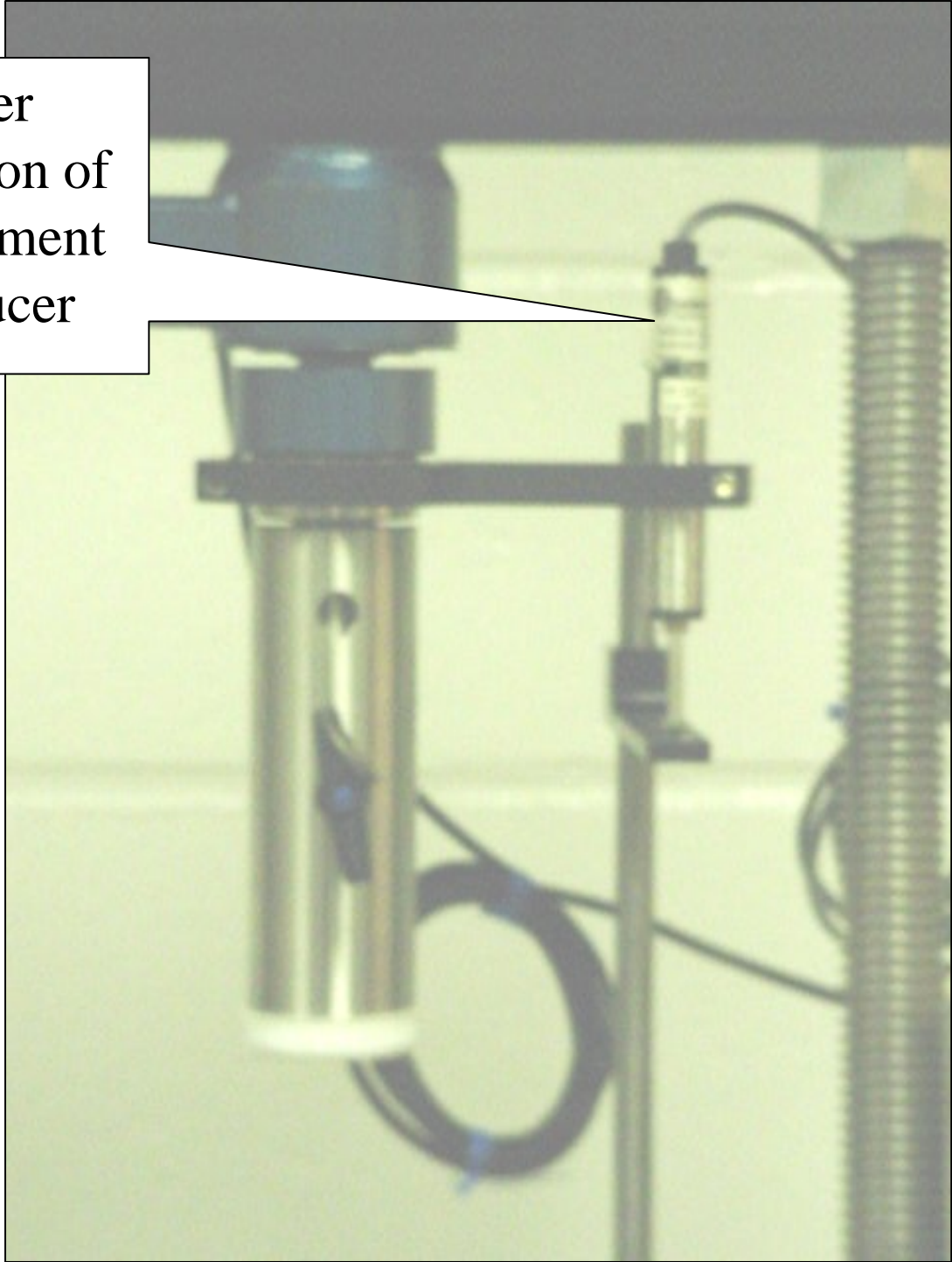
Adjust
displacement
transducer and
index bar



Loosen Allen head screw and adjust displacement transducer to allow for proper positioning and maximum travel to ensure accurate measurement.



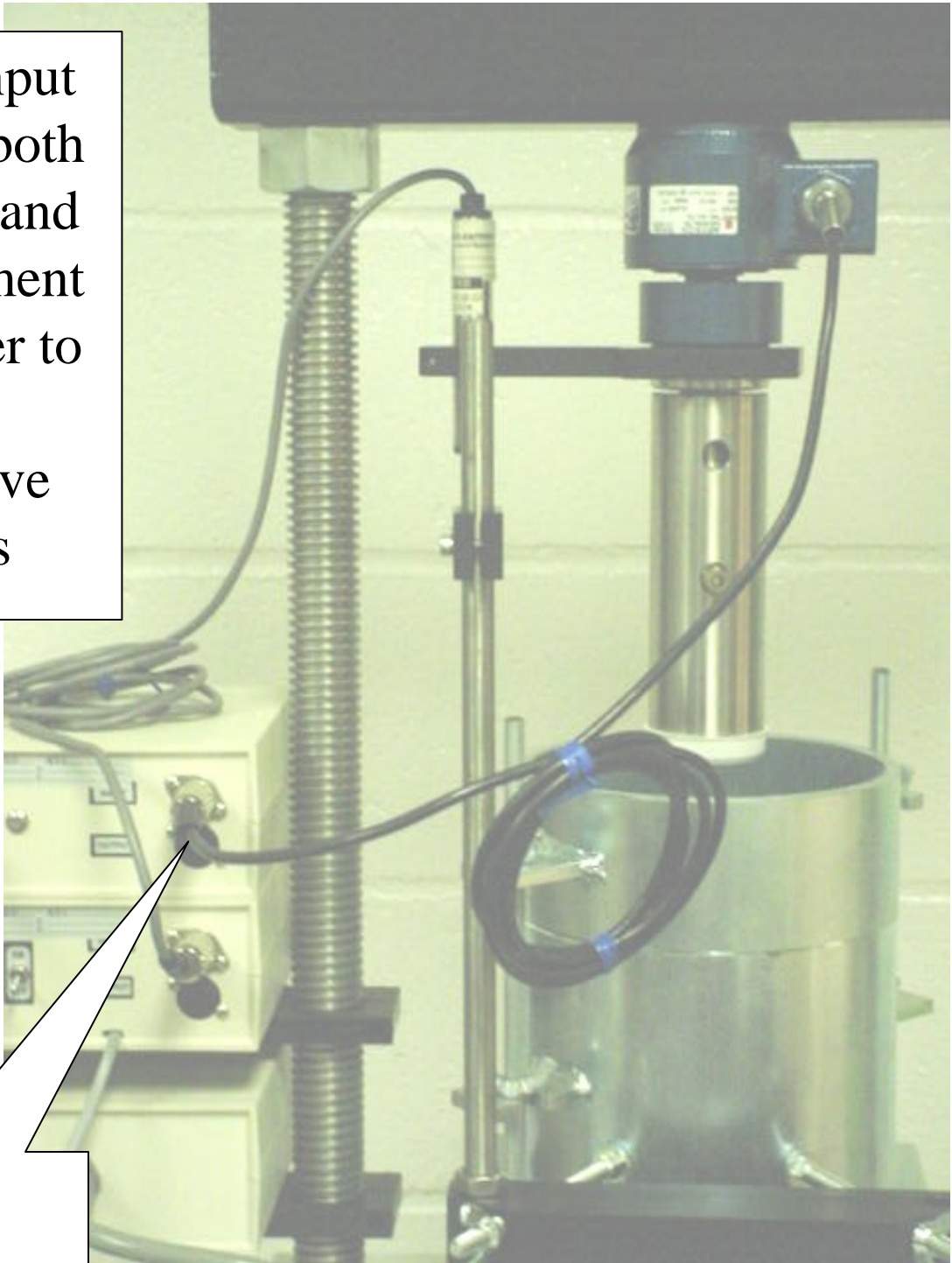
Proper
orientation of
displacement
transducer



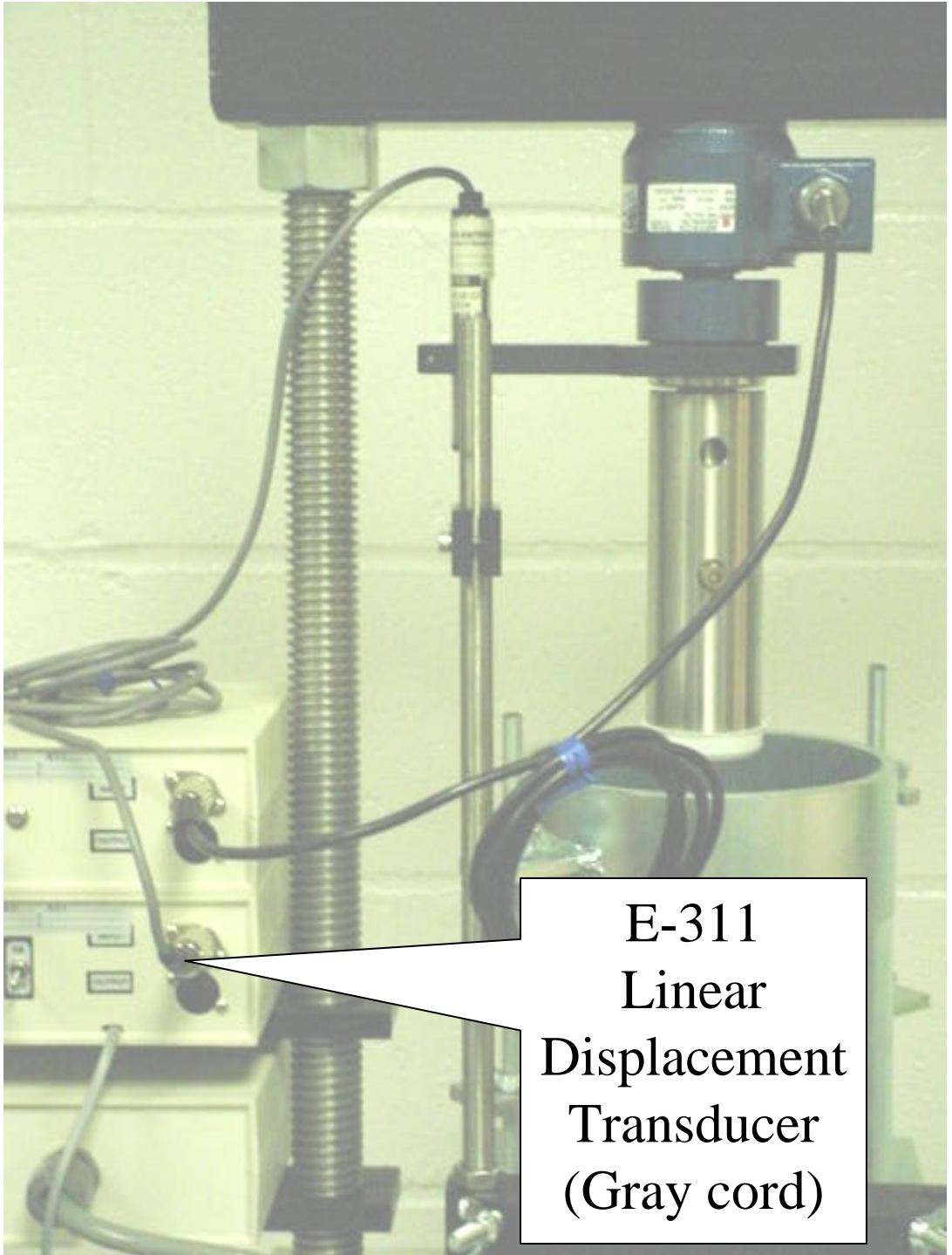
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Attach input
cords of both
load cell and
displacement
transducer to
their
respective
meters



E-217
Load cell
(Black Cord)



<h1>Minimum Computer Requirements</h1>
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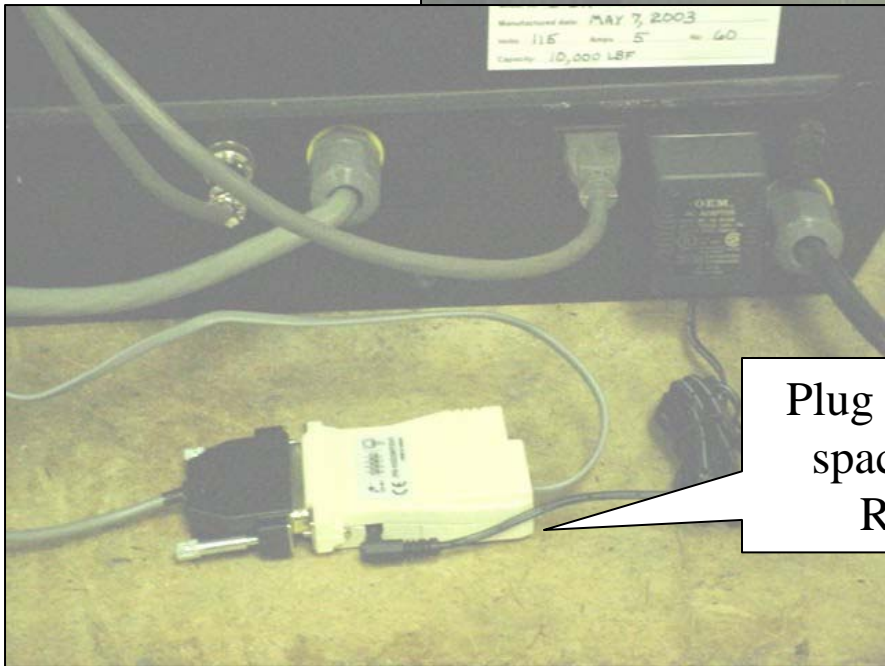
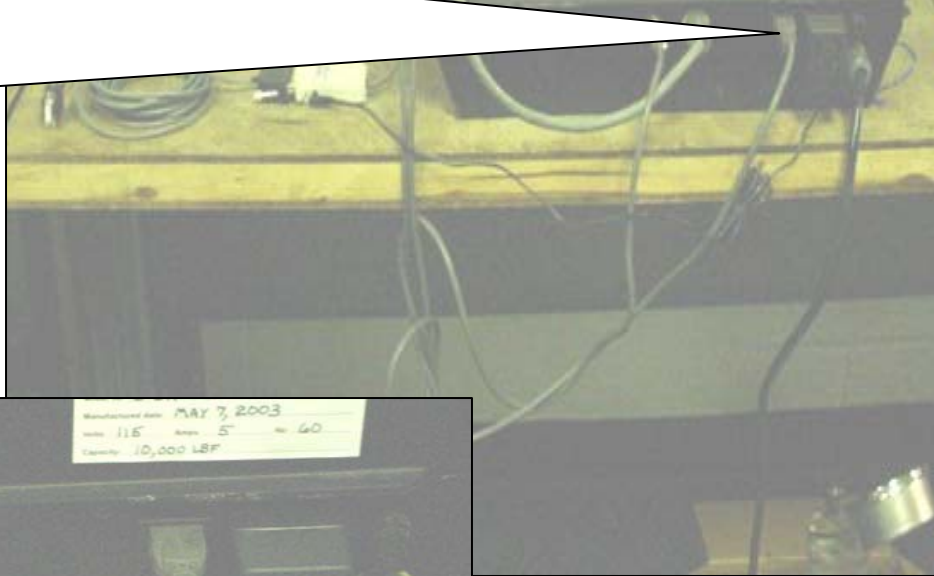
1. Processor (486 or Higher)
2. Ram (64 MB)
3. Operating System (Windows 98 or Above)



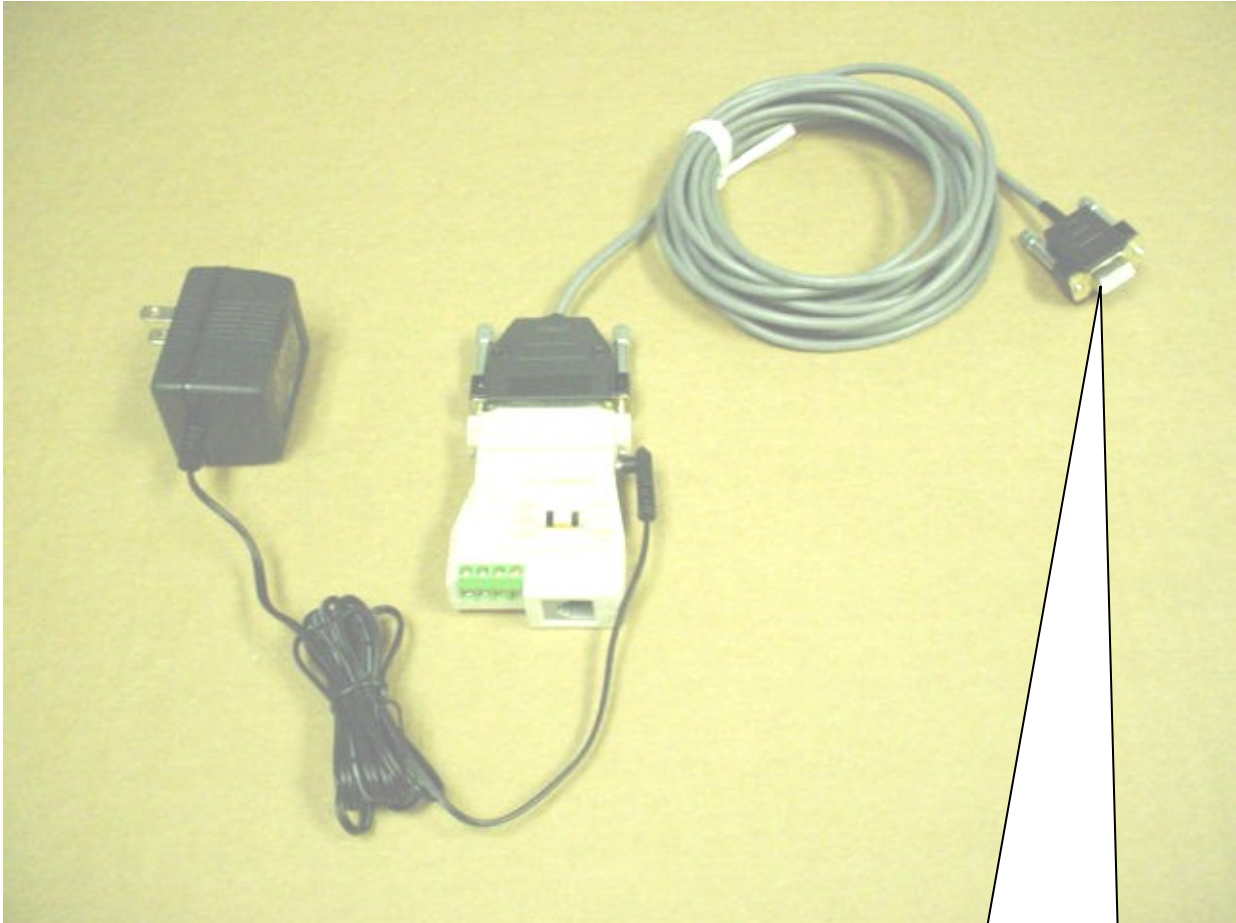
Plug in 485 converter power cord to the auxiliary power source located on the back of the load frame

A 485 converter is included with your load frame. This will allow communication through WinSAS using your computer

Plug in the RS485 converter power cord to auxiliary power outlet on back of load frame



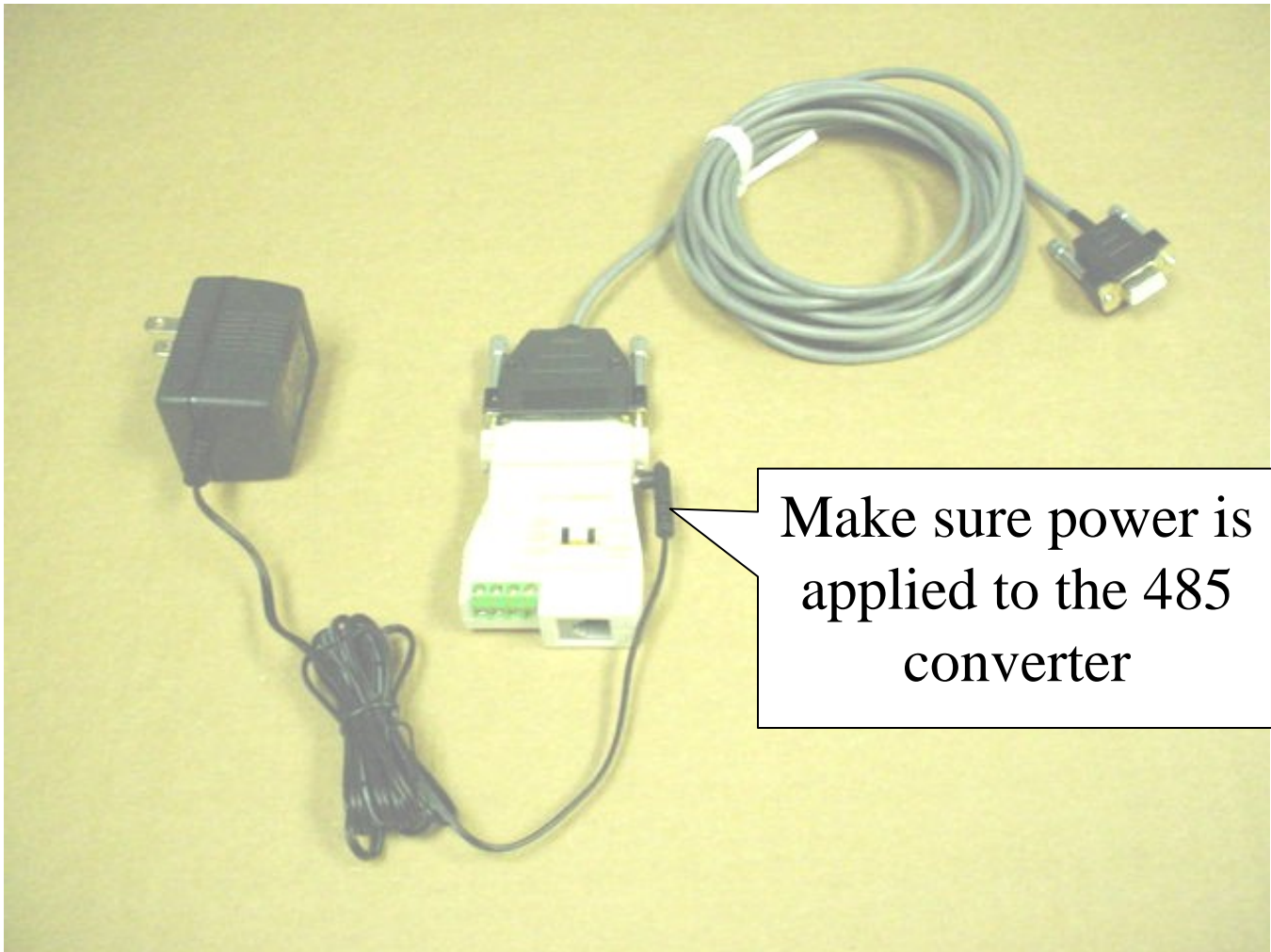
Plug in phone cord to the space provided on the RS485 converter



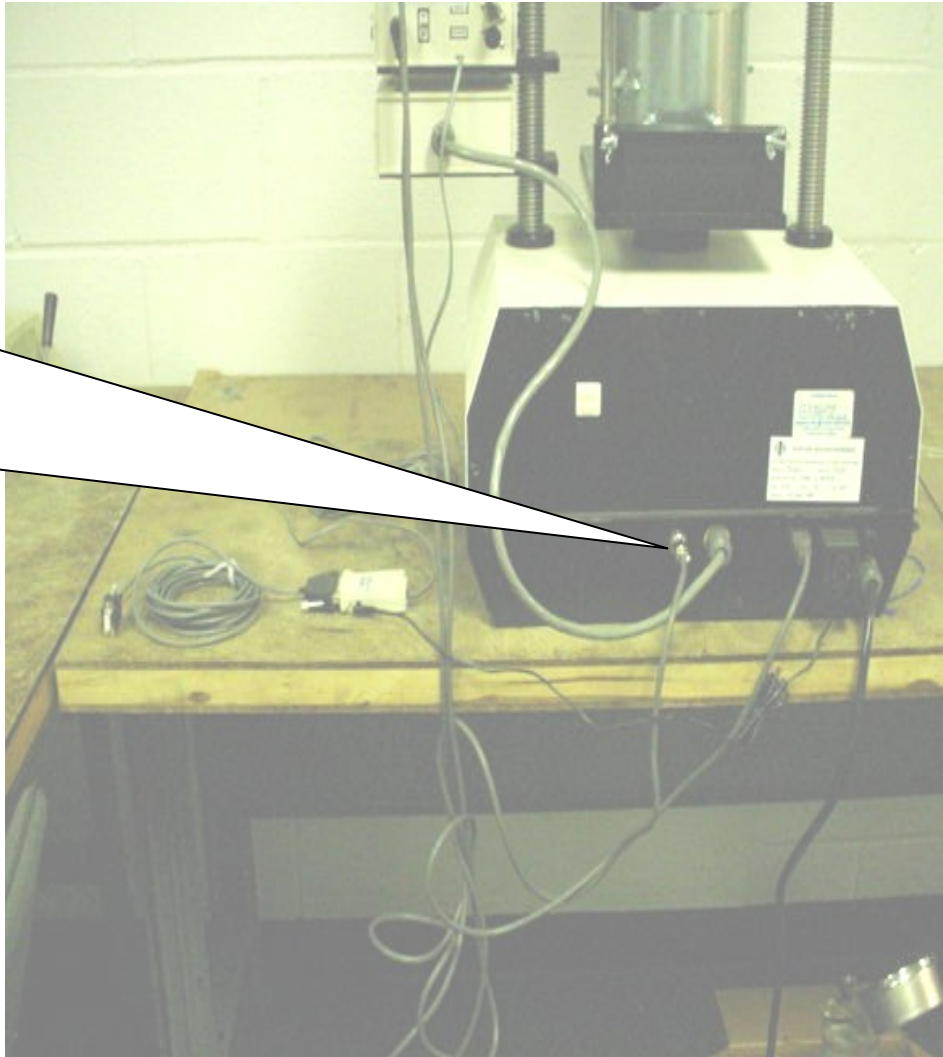
Plug in the serial connector to the com port located on the back of your computer

Serial Connector to Comm. Port 1 or 2. You will be able to select the com port used when setting up WinSAS software.

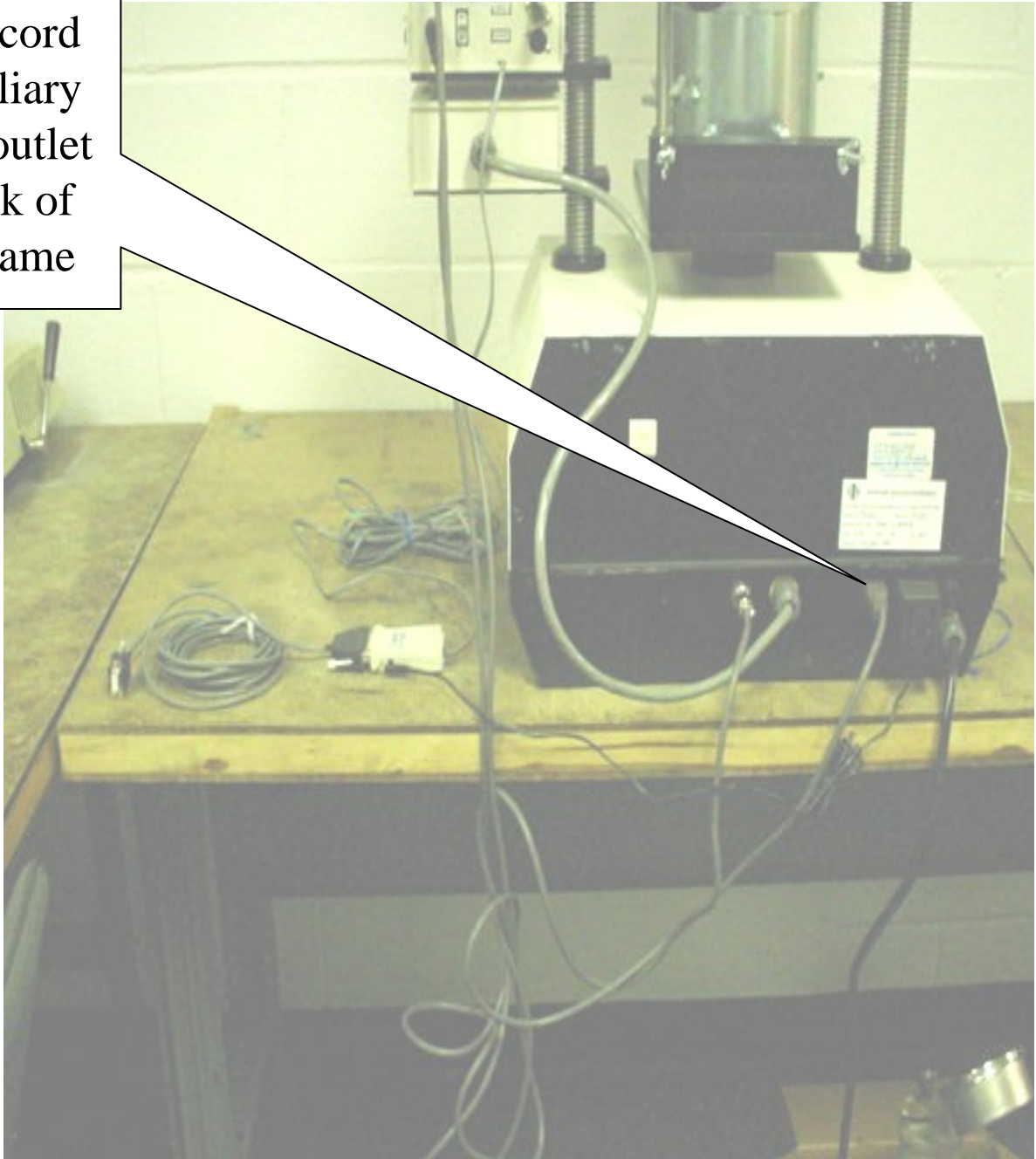




Attach
meter input
jack to back
of load
frame



Plug in meter
power cord
to auxiliary
power outlet
on back of
load frame



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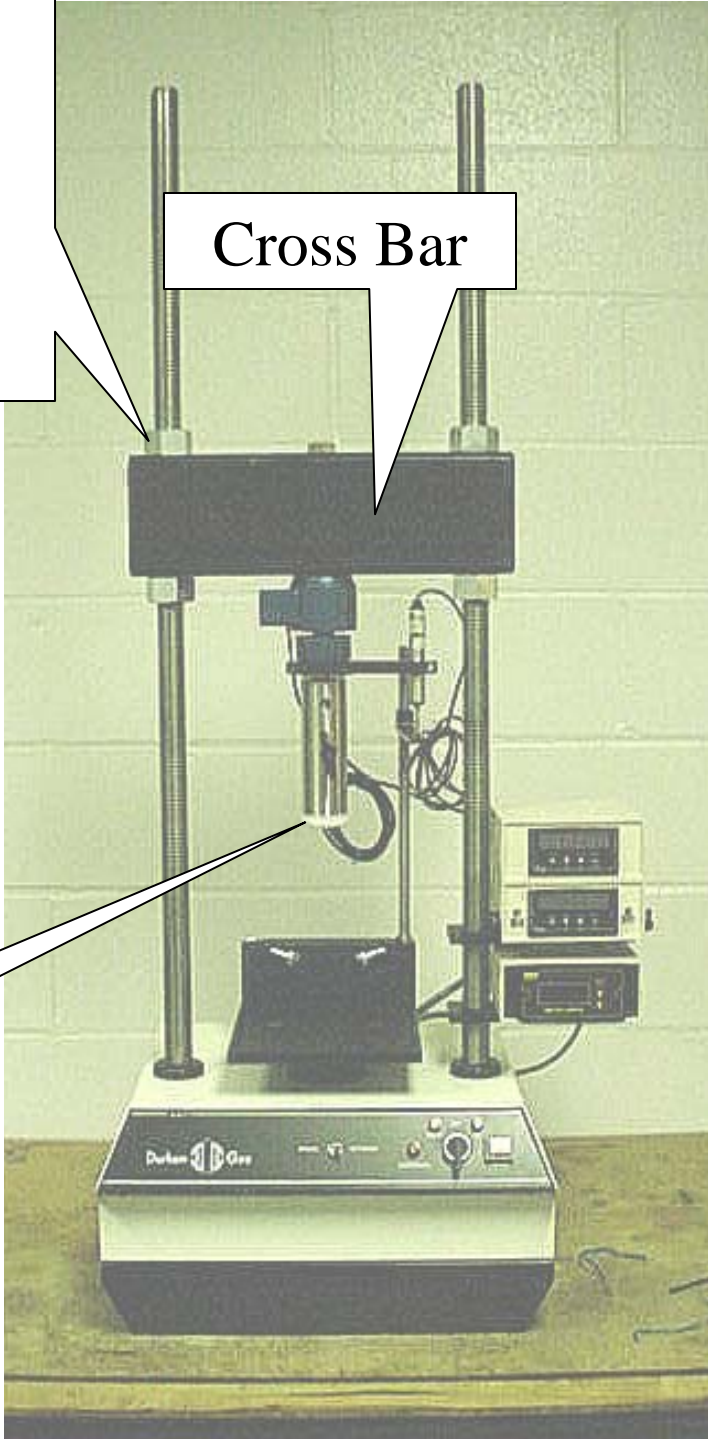
Now that all connections have been made, You are now ready to place your sample on the platen and adjust for proper alignment.

Raise or lower ACME hex nuts to adjust height of cross bar.

Always keep cross bar level, this will help reduce deflection of the Quick Adjusting Piston

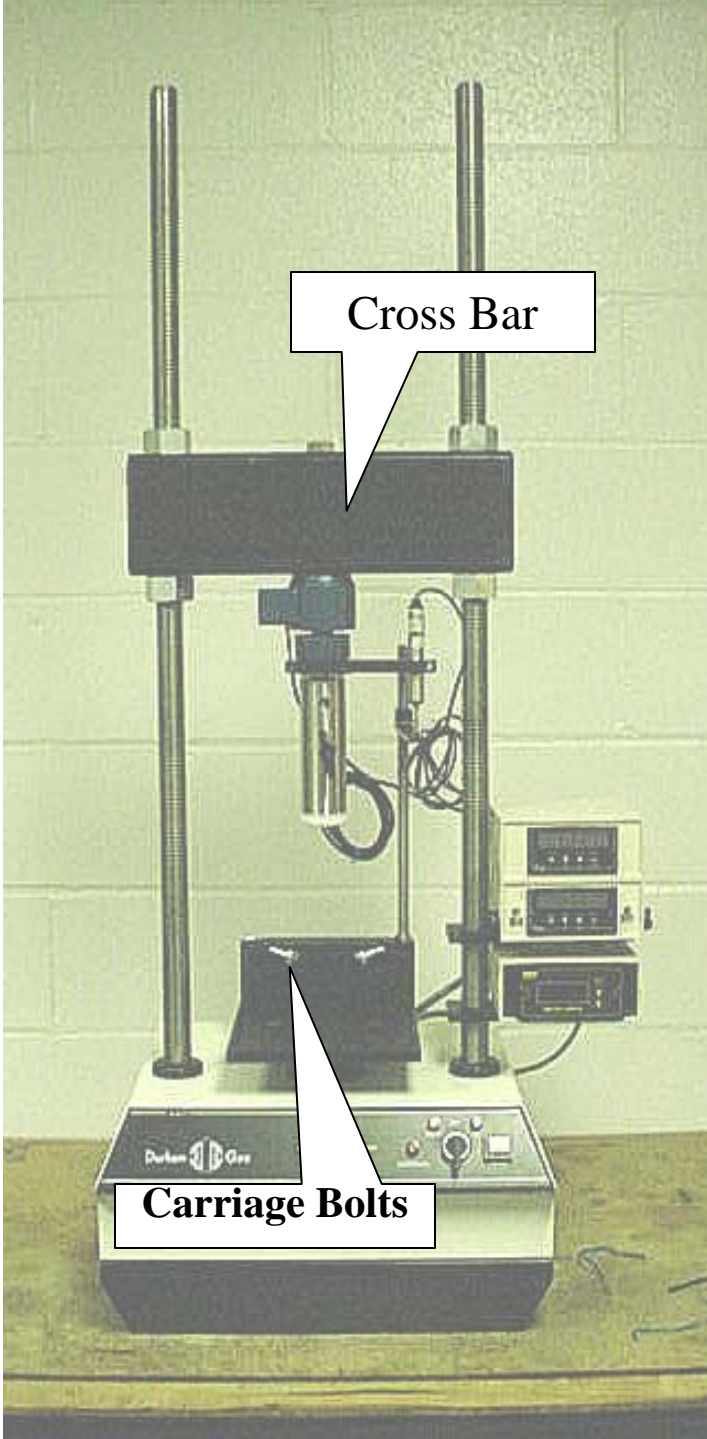
Note: you must remove white protective cover from Quick Adjusting Piston

Protective cover



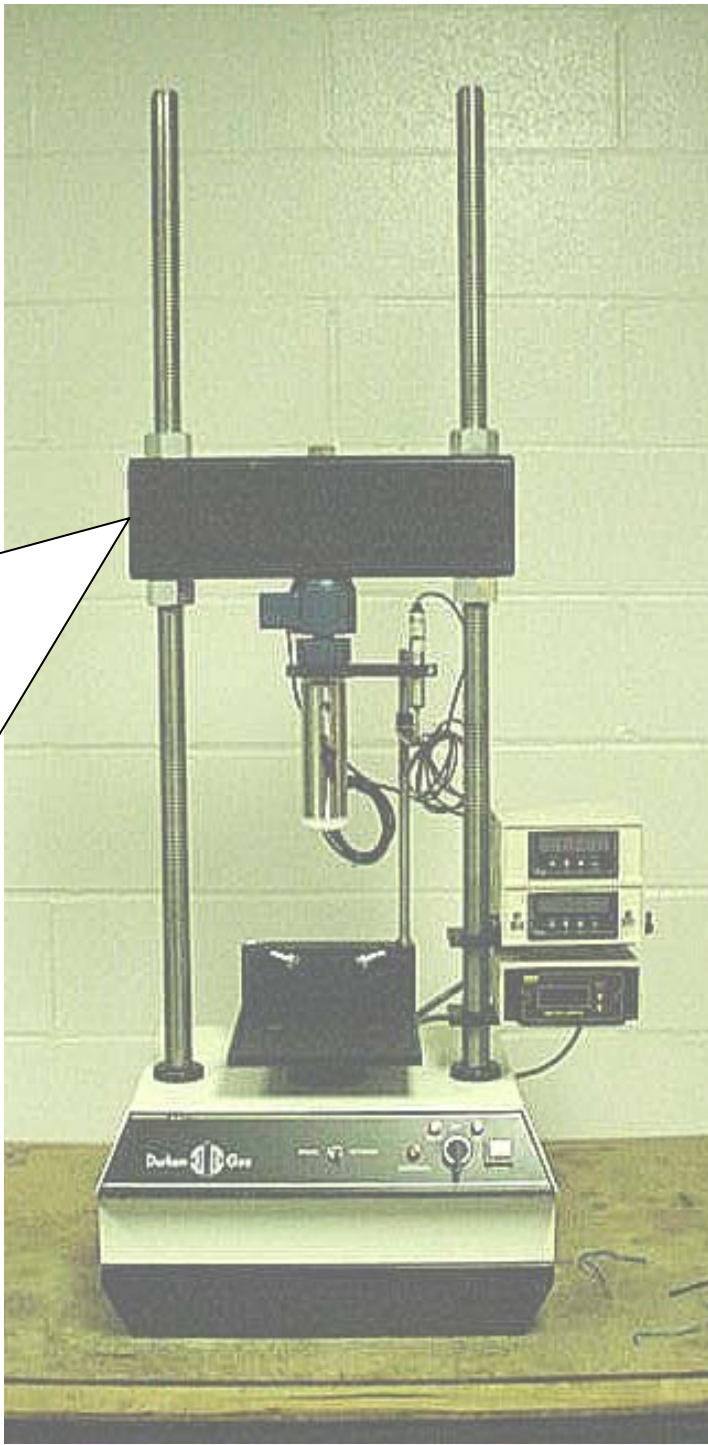
Proper alignment is achieved in two ways.

1. Raising or lowering the cross-bar (vertical alignment)
2. Adjusting carriage bolts on the platen (Horizontal alignment)



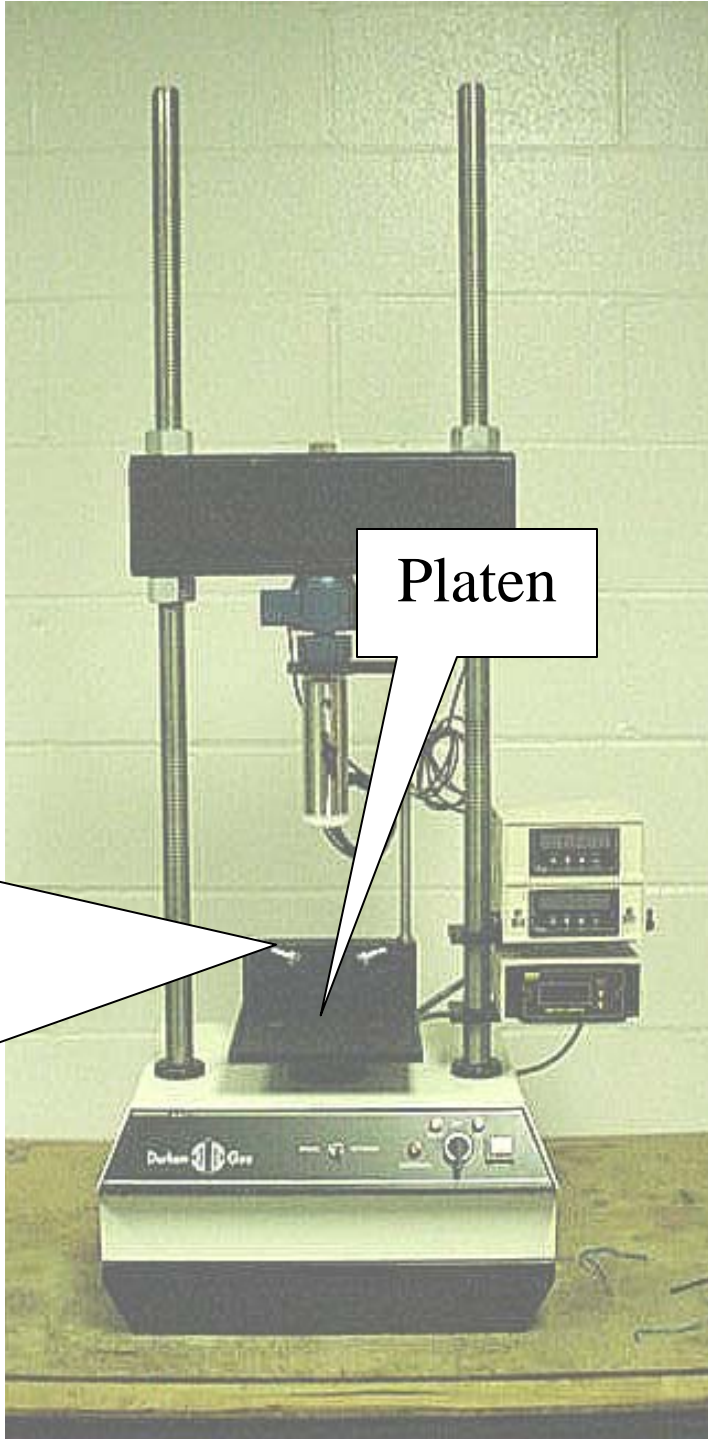
1. Raising or lowering the cross-bar.

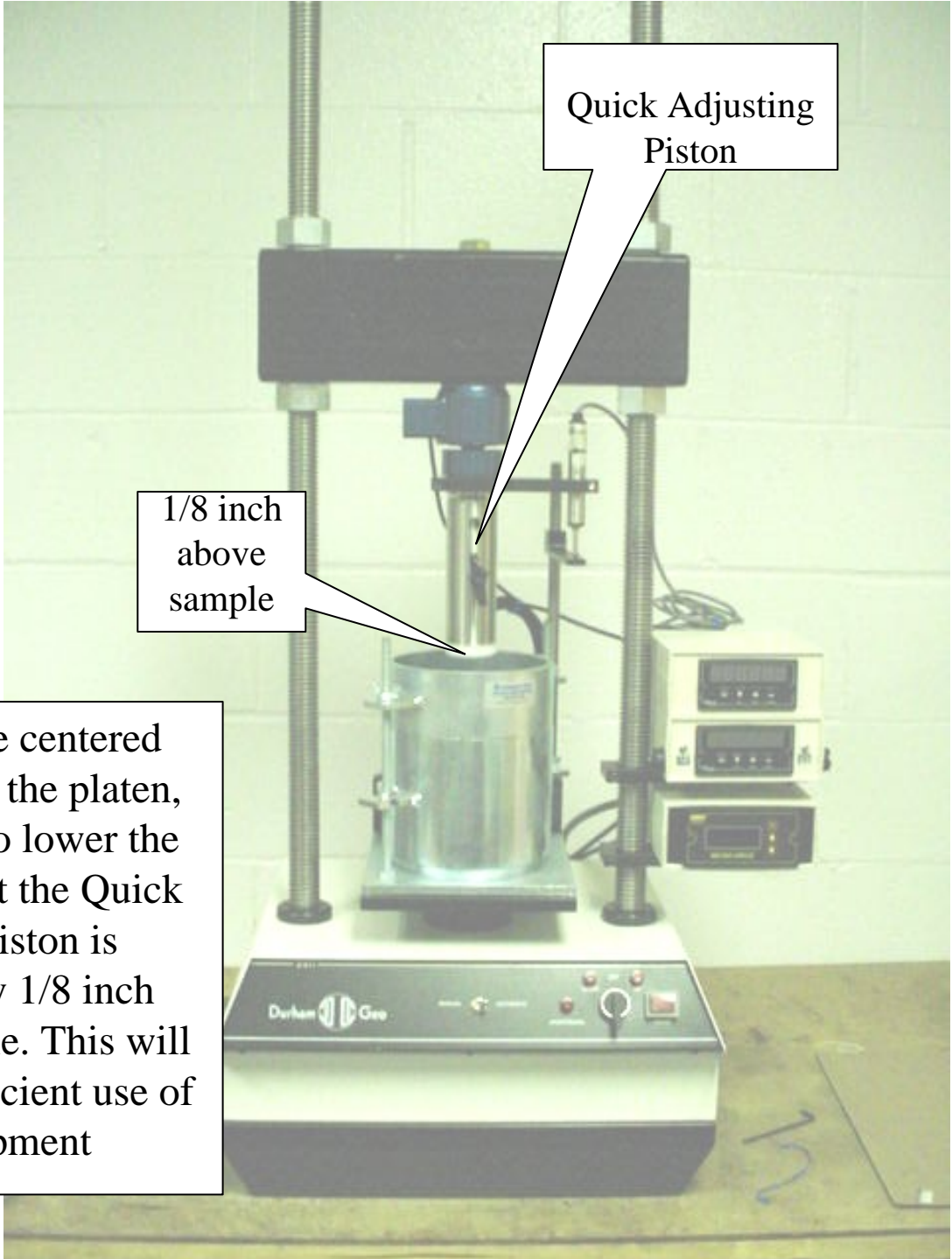
(This will allow the proper height in proportion to the sample height)



2. Adjusting carriage bolts on the platen

This will allow proper centering of the sample





**Congratulations !
You will now be
able to utilize
your S-611 Load
Frame**

**If you have any
questions call
Material Testing
Division at
Durham Geo
1-800-837-0864**

