





## Calibration of your LTL2000S/SQ

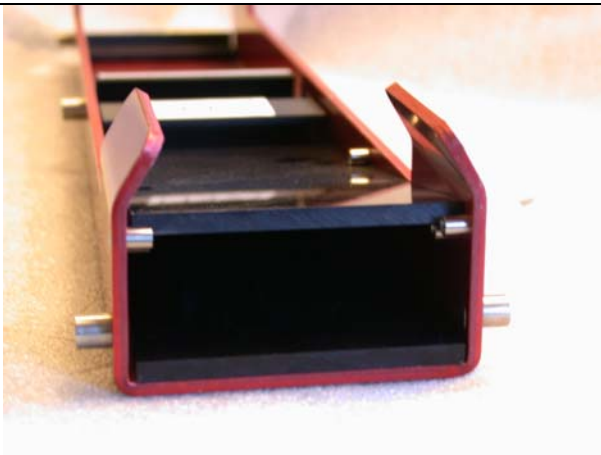



Press the  key to turn the instrument on.




Press the  key to start the calibration. The display will show:

**Calibration**  
 = Qd  = RI



Press  to calibrate the  $R_L$ . Follow the instruction in the display. You have to start with the zero calibration.

**Mount Light Trap**  
 when Ready

The Light Trap is the black side on the  $R_L$  calibration normal. Be aware that you turn the normal the correct way. It has to have the black side towards the instrument tower.



The easiest way to place the normal is to tilt the instrument.



Be sure the guidance pins fits into the rail holes.



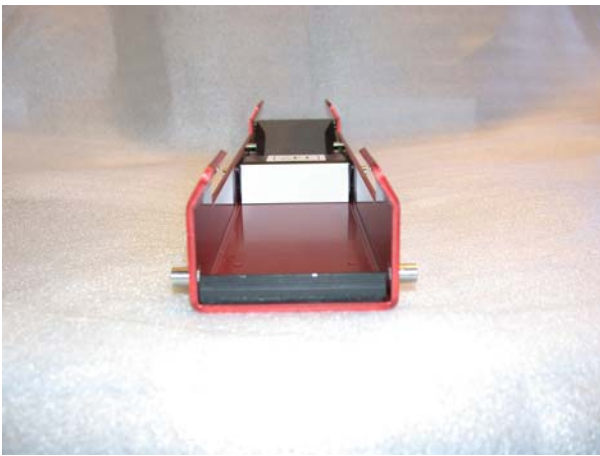
Place the instrument horizontally again.

Press the  key when ready.

Now the instrument does the Zero calibration. You will see the following in the display:

**Zeroing  
Please Wait**

**Zero OK  
Zero: 0.05%**




Turn the normal so the white ceramic side is towards the tower of the instrument.


Before you do that you have to write down the  $R_L$  value printed on the metallic label, which is the calibrated  $R_L$  value for the normal.



The display will show:




**Mount RI Normal  
 when ready**




Press the  key after mounting the normal the correct way and place the instrument horizontally again. The calibration will start and the display will show:


**Calibrating  
Please Wait**

The display will then show ex:

**RI Normal 219**  
 = OK   = Edit

Edit the  $R_L$  Normal value to the value noted on the calibration unit by using the scroll down or scroll up keys. If the value on the calibration unit is 220 then edit it to 220 by using the  key.




**RI Normal 220**  
 = when OK


Press the  key when ready.

The  $R_L$  calibration is finished. Remove the normal and you are ready to do the Qd calibration if you have a LTL2000SQ.



Press the  key to start the calibration.

**Calibration**  
 ↓ = Qd ↑ = RI

Press the  key.



The Qd normal.

Remember to write down the Qd value noted on the metallic label.




Mount the Qd normal with the white ceramics turned towards the tower of the instrument.



Make sure the pins fit into the holes in the rails.  
 Place the instrument horizontally again.







Press the  key when ready, and the display will show :

**Calibrating  
Please Wait**




The display will show e.g.:

**Qd Normal: 100**  
 = OK   to Edit

Edit the Qd Normal value to the value printed on the calibration unit by using the scroll down or scroll up keys. If the value on the calibration unit is 101 then edit it to 101 by using the  key.



**Qd Normal: 101**  
 = when OK

Press the  key when ready.



The calibration is finished. Remove the normal and the instrument is ready for measuring.