



Cal - Store - Send Icons		Arrow/Method		Battery
Cal Status		Stabilization/Messages/Errors/Limit Info		
Lock		<b>Main ----- Result</b>	Aux 2	
			Aux 1	
Pressure (Salinity)				
	Sample ID (####)	Time		
	Operator ID	Date		
Blue Key	Next Parameter	Green Key		

## SINGLE READING MODE

### Cal - Store - Send Icons (1/12)

Justify: Center  
Font/Weight: N/A

### Cal Status (1/12)

Justify: Left  
Font/Weight: small/regular

### Arrow/Method (2/3)

Justify: Center  
Font/Weight: small/bold

### Battery (1/6)

Justify: Center  
Font/Weight: n/a

### Stabilization etc. (5/6)

Justify: Left  
Font/Weight: small/regular

### pH (Left Unit) (1/6)

Justify: Left  
Font/Weight: medium/bold

### Main --- Result (1/2)

Justify: Right  
Font/Weight: Big font

### Aux 1 (bottom) (1/3)

Justify: Left  
Font/Weight: medium/bold

### Aux 2 (top) (1/3)

Justify: Left  
Font/Weight: medium/regular

### Pressure / Salinity (5/6)

Justify: Left, 6 spaces between if nec.  
Font/Weight: small/regular

### Operator/Sample ID icons (1/12)

Justify: center  
Font/Weight: n/a

### Operator/Sample ID (7/12)

Justify: Left  
Font/Weight: small/regular

### Time/Date (1/3)

Justify: Left  
Font/Weight: small/regular

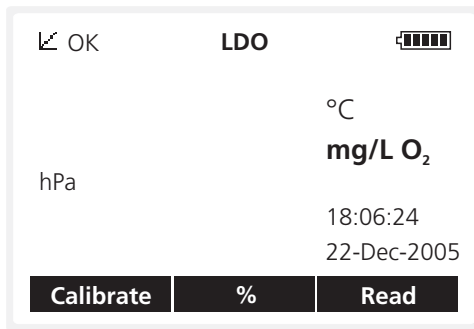
### Key Captions (1/3)

Justify: Center  
Font/Weight: small/bold

## LDO Reading 1

16 Nov 2004  
MEA

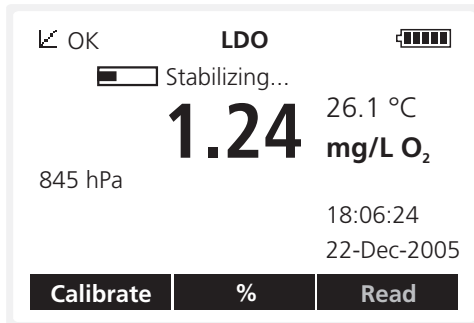
## LDO Reading 1



When an electrode with a valid calibration is connected, the system becomes ready to take readings.

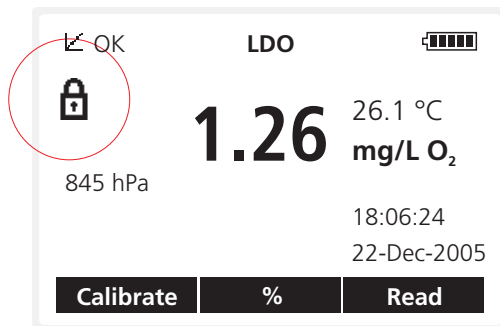
Pressure is displayed in the left part of the display as soon as a reading is taken.

Green Key: Read  
Blue Key: Calibrate  
Up Arrow: Next parameter



When Read is pressed, the instrument begins to stabilize. A progress bar fills from 0 to 100% as stability is reached. The **Read** button is grayed.

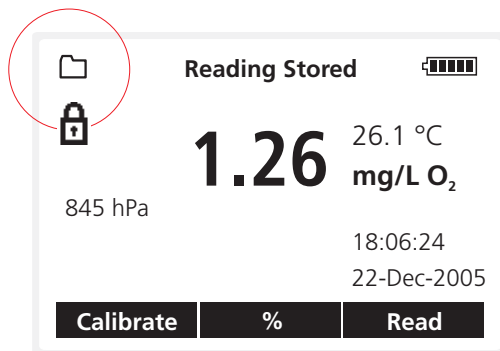
Even if stability happens quickly, filling the progress bar should take a minimum of 1 second.



When Display Lock is on, the lock icon appears after stabilization.

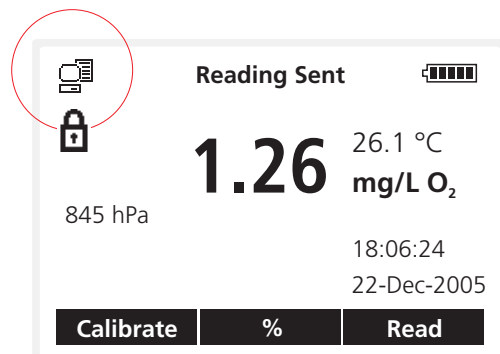
If the user presses Read, the system returns to the "Stabilizing..." screen.

If the user changes the parameter, the system returns to the most recent locked reading on the other parameter.



When data are stored manually, the folder icon and title bar give users some feedback that the point was stored. They disappear after 1.5 seconds.

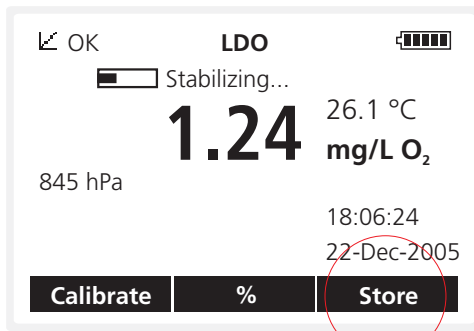
If Auto-Store is on while Display Lock is on, the folder and message automatically appear at stabilization, and automatically disappear after 1.5 seconds.



When data are sent, the send icon comes next. Again, the icon appears temporarily and then disappears after 1.5 seconds.

If Auto-Send is on while Display Lock is on, data are sent with each reading, whether or not Auto-Store is on.

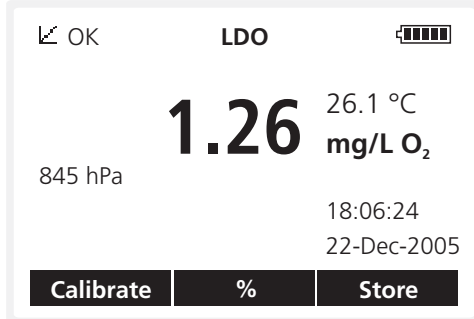
## LDO Reading 1



If Display Lock is Off, the lock icon never appears. The reading changes if the measurement changes.

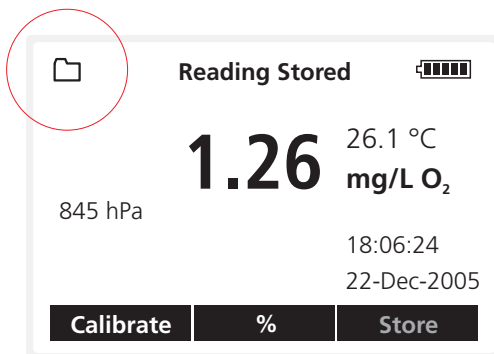
When the reading changes quickly, the "Stabilizing..." message reappears.

The Green key now means **Store** instead of **Read**. Auto-store is not available.



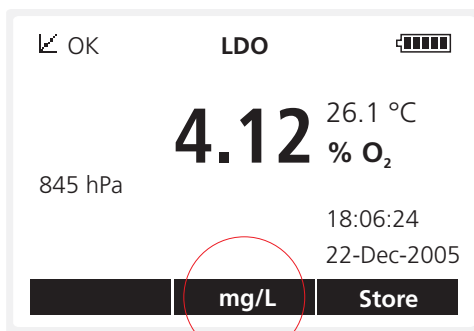
Live readings have no lock icon. The Stabilizing bar simply disappears.

However, if the reading becomes unstable during live readings, the Stabilizing bar will appear again, as on the HQ20.



If users press Store while Display Lock is off, the store icon will appear for 1.5 seconds to indicate successful storage.

The Store option is grayed while this feedback is provided.

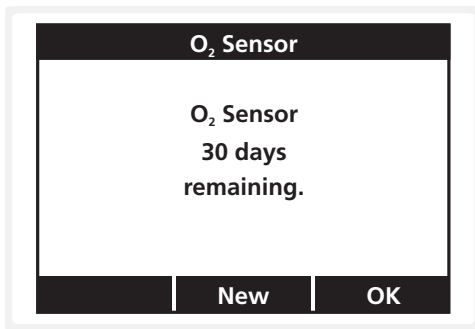


If the user scrolls to mV reading mode, the appearance changes accordingly, and mg/L appears over the arrow key.

If there are multiple probes connected, the behavior is similar but there are more parameters through which to scroll.

Calibration does not affect mV readings, so that option is not available here.

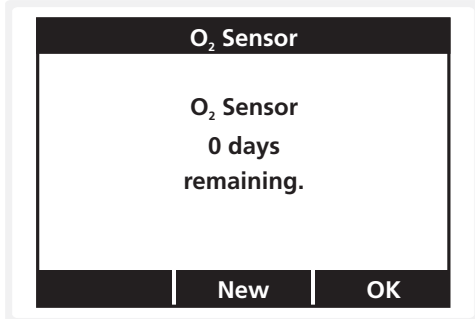
## LDO Reading 1



(Similar to the HQ10/20):

When there are 30 days or fewer remaining in the life of the sensor cap, an information screen will appear every time the instrument power is turned on.

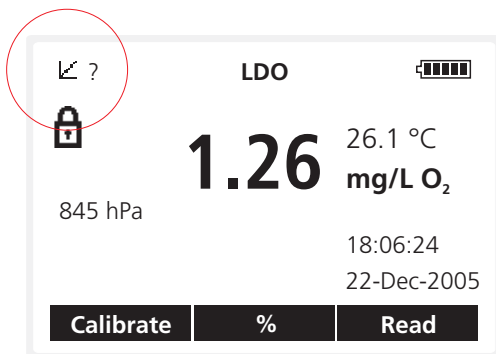
If the Login function is enabled, this reminder comes up after the Login screen.



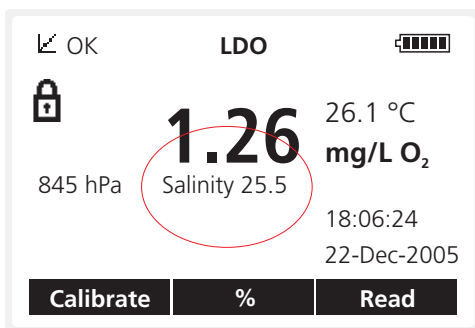
(Copied from the HQ10/20):

After the sensor cap expires, the message still appears.

See LDO setup description for details of new sensor installation.



If the calibration is expired, which usually means the sensor cap lifetime has been exceeded, the calibration status will change to a question mark.



If Salinity Correction is enabled, that information will appear below the result, right-justified.

See LDO Setup for more information on this setting.