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RESEARCH

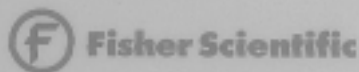
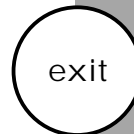
AR50

Dual Channel pH/Ion/Conductivity Meter

mV Setup (channel 1)

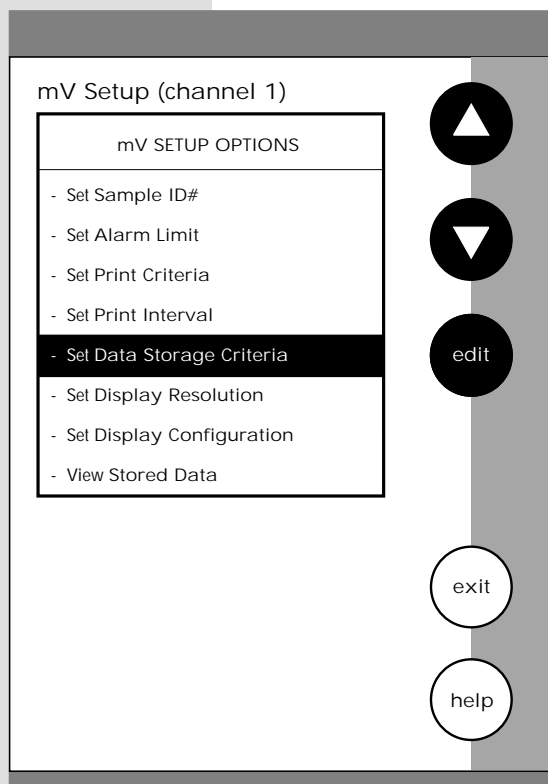
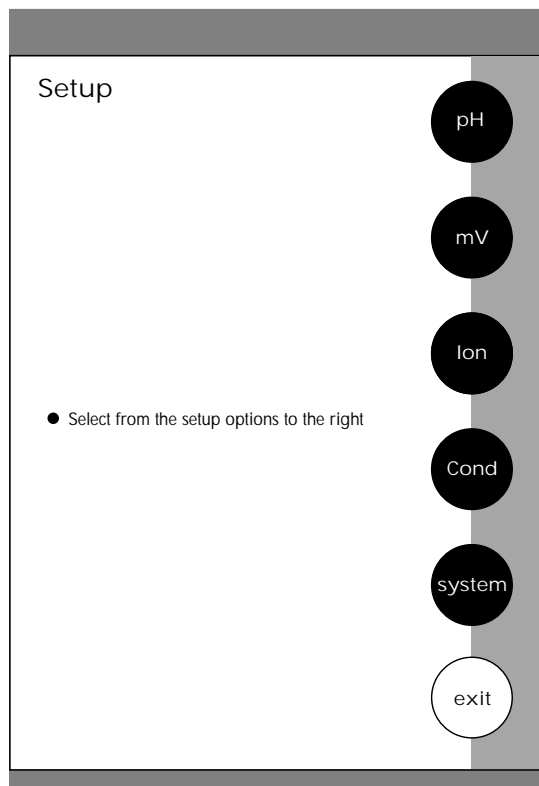
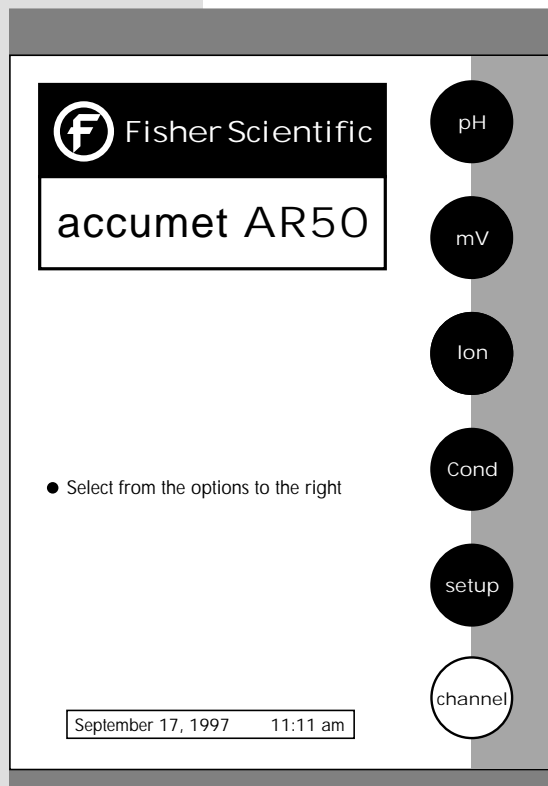
mV SETUP OPTIONS

- Set Sample ID#
- Set Alarm Limit
- Set Print Criteria
- Set Print Interval
- Set Data Storage Criteria
- Set Display Resolution
- Set Display Configuration
- View Stored Data



The operating parameters of the mV mode can be set and controlled from the mV Setup screen. The following sections will guide you through the various options available for the mV setup mode.

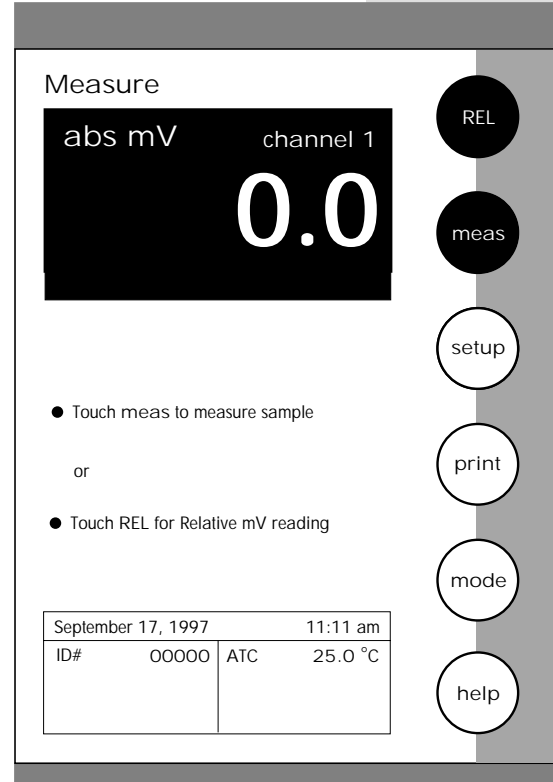
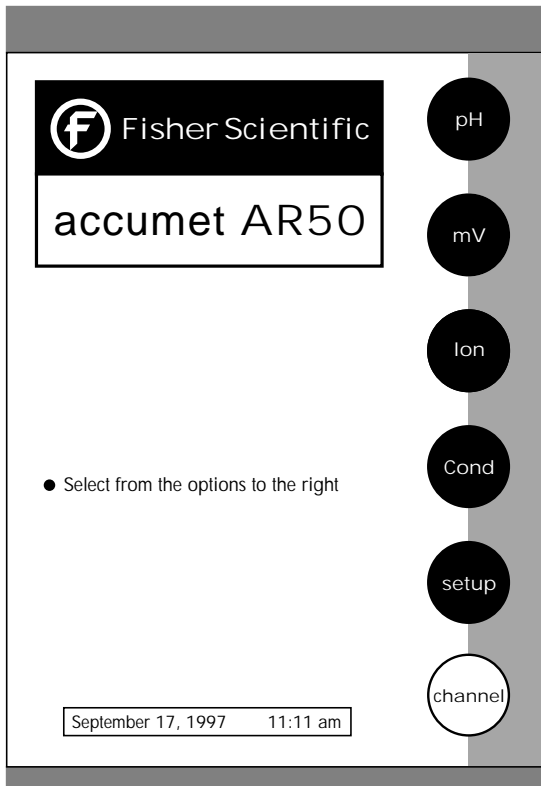
Access mV SETUP	84
Set SAMPLE ID#	86
Set ALARM LIMIT	86
Set PRINT CRITERIA	86
Set PRINT INTERVAL	87
Set DATA STORAGE CRITERIA	87
Set DISPLAY RESOLUTION	88
Set DISPLAY CONFIGURATION	87
View STORED DATA	87



There are two ways to access the mV Setup screen.

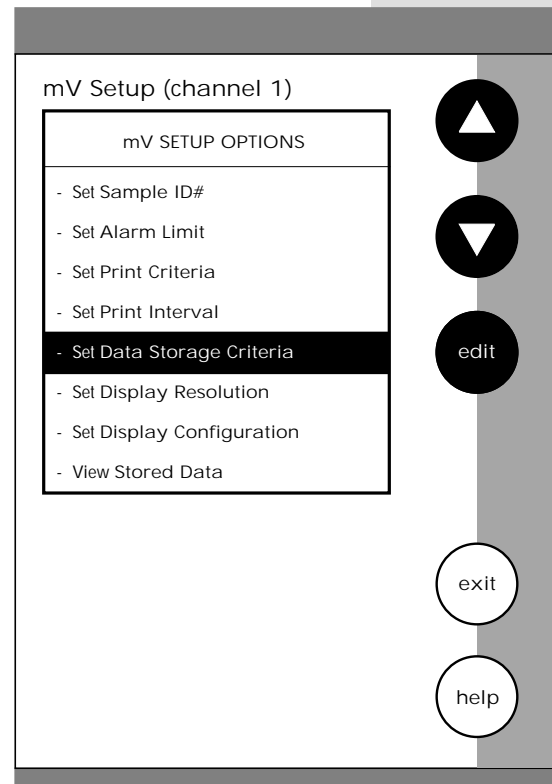
*From the Setup screen*

- 1** Touch setup on the main screen. Touch mV to access the mV Setup screen.
- 2** Use the arrow keys to highlight the setup option that you would like to review.
- 3** Touch edit to access the screen for the selected option.



From the mV Measure screen

- 1 Touch mV on the main screen to access the millivolt mode. Touch setup on the mV Measure screen. The mV Setup screen is now displayed.
- 2 Use the arrow keys to highlight the setup option that you would like to review.
- 3 Touch edit to access the screen for the selected option.



### To Set Sample ID#

When this option is active, each time you touch print on the Measure screen the mV value along with the date/time/channel and the sample ID# will be sent to data storage. You can manually enter an alphanumeric identification number of up to 10 characters for any sample, or you can have the meter sequentially number your samples beginning at the number of your choice. You may also choose to deactivate the sample ID#.

*The mV Sample ID# is set the same way as previously described in pH Setup. See page 50 for instructions.*

### To Set Alarm Limit

This option allows you to set alarm limits for the mV measuring mode. If the mV value of the measurement is outside of the boundaries set by the upper and lower limits, an audible alarm and/or a visual warning will appear to let you know that your sample measurement was outside of the set limits.

*The mV Alarm Limits are set the same way as previously described in pH Setup. See page 66 for instructions.*

### To Set Print Criteria

This screen allows you to select which criteria are printed with the measurement when you print the data or send it to a computer. The status of the current print criteria is displayed on the screen. The criteria option is active if "ON" appears to the right of the option. It is inactive if "OFF" appears to the right of the option. Any active criteria will be printed on demand.

*The mV Print Criteria are set the same way as previously described in pH Setup. See page 68 for instructions.*



Remember, HELP is always just a touch of the button away.

To Set Print Interval

You have three options for setting the print interval: manual printing, stable reading printing, and timed interval printing.

*The mV Print Interval is set the same way as previously described in pH Setup. See page 70 for instructions.*

To Set Data Storage Criteria

This screen allows you to select what criteria are stored in the meter's memory with the measurement when you save the data. The status of the current data storage criteria is displayed on the screen. The criteria option is active if "ON" appears to the right of the option. It is inactive if "OFF" appears to the right of the option. All storage criteria will be stored in the meter's memory with the measurement. However, only active items will appear on the View Stored Data screens. Changing the status of the storage criteria to active from inactive will allow the criteria to be displayed with the previously stored data.

*The mV Data Storage Criteria are set the same way as previously described in pH Setup. See page 72 for instructions.*

To Set Display Configuration

This function will allow you to choose what information you would like to be displayed on the mV Measure screen, particularly the information contained in the data box at the bottom of that screen.

*The mV Display Configuration is set the same way as previously described in pH Setup. See page 76 for instructions.*

To View Stored Data

This meter has memory capacity for up to 250 data points. The View Stored Data screen allows you to sort and look at specific data points. The stored data can be sorted by sample identification number, date or operator identification number.

*The mV Stored Data is viewed the same way as previously described in pH Setup. See page 78 for instructions.*

Set mV Display Resolution

Current RESOLUTION X.X

enter

X

X.X

- Select desired display resolution and then touch enter to accept

exit

help

To Set Display Resolution

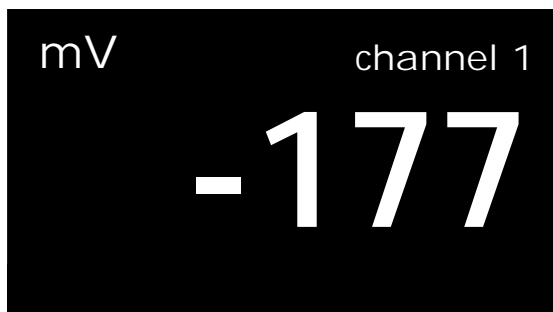
This mode allows you to set the display resolution that you desire on the screen. You have the choice of zero or one decimal place.

- 1** Access the Set Display Resolution screen from the mV Setup screen. The current Display Resolution is displayed on the screen.
- 2** Touch X or X.X to select the resolution of the display that you desire. This will be the format in which your measurement will be displayed.
- 3** Touch enter to accept the resolution and return to the mV setup screen.

OR

Touch exit to return to the mV Setup Screen, without making any changes.

*Example of X resolution*



*Example of X.X resolution*

