

This short manual is no replacement of the actual MINIDIS ADXpert OPERATION manual!  
Please, read the manual first to ensure complete functionality of the instrument.

## GETTING STARTED

The keys on the front panel have the following functions:

	Stop measurement at any time / Escape a menu
	Start measurement
	Confirm selected operation / Activate keypad for easy insertion of characters
	Modify characters or values
	Change the cursor position
	Execute special functions

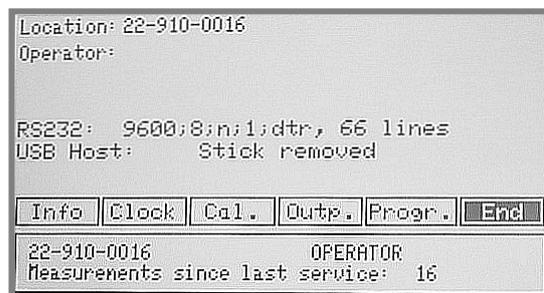
- Place the MINIDIS ADXpert on a solid bench top.
- Make sure the line voltage corresponds to the voltage setting above the power inlet on the rear of the Instrument and switch on the instrument.
- The display of the instrument is now illuminated and shows the main menu:



## SETUP

In this menu, instrument parameters can be set for optimum operation.

In the main menu shift the cursor to **Setup** and press .



## CHANGING UNITS AND DEFINING SPECIAL EVAPORATION POINTS

In this menu, the units for temperature and barometric pressure can be selected.

1. In the setup menu place the cursor to **Outp.** and press .

- Place the cursor at  $\downarrow$ [°C] and switch between °C or °F using the   keys.
- Place the cursor at  $\downarrow$ [kPa] and switch between kPa or psi using the   keys.
- To define an evaporation ratio at a certain temperature, select the respective output group and enter the temperature of interest at **E 0**[°C].
- Leave the menu by pressing  on **End**.

## SELECTION OF DISTILLATION GROUPS AND HEATING PROGRAMS

### Distillation groups

To change the setting for a specific group and program, proceed as follows:

- In the setup menu select the desired program "Gasoline", "Diesel", etc. and press .
- Alternatively move the cursor to **Progr.** and select the desired Group with the cursor located in the left upper corner on the first number next to program using the   keys. Program: 0/ XX  
Place the cursor to the number on the right and select the program number (0 to 9). Program: 0/ XX

### Setting of initial and final heating power

To change the value of **A** (Initial Heating Power) and/or **B** (Final Heating Power), proceed as follows:

- Move the cursor to the numbers next to **A/B**: and adjust the value by using the   keys until the desired value is displayed. A/B: XXX/ XXX
- To change the percent recovered when the final heat adjustment is activated, move the cursor to the numbers next to final heat at: and adjust the value by using the   keys.
- Leave the menu by pressing  on **End**. The values of **A** and **B** for that group and program will be stored automatically together with the settings for the final heat adjustment.

## PERFORMING MEASUREMENTS

- Fill one anti-bumping granule into a sample cup.
- In the main menu move the cursor to **Measure** and press .
- Move the cursor to **Keypad** and press . The keypad will pop up. Insert a significant sample name, then move the cursor to **End** and press . Alternatively move the cursor to the top line next to **Sample ID:** and use the   keys ( and   keys for faster scrolling) to insert a sample name.
- Select the appropriate group and program number.
- Press  to start the measurement.
- Follow the upcoming messages.
- After the instrument has finished successfully the measurement and TCup decreases below a pre programmed safe temperature the heater is lowered to release the sample cup and following message appears:  
"Put sample cup on balance Press RUN to continue or STOP". Use the cup extraction tool that is delivered with the MINIDIS to put the sample cup on the balance.
- The last result is on top of the list. Select the desired result to show with  and press  on **Result** to display the result list.
- Browse through the list line by line using .  
To jump a full page up or down, press  and  or  simultaneously.
- Press  to return to the Memory menu.