Quick Start   MINIFLASH *TOUCH*

**This short manual is no replacement of the MINIFLASH *TOUCH* operation manual or ASTM standards!
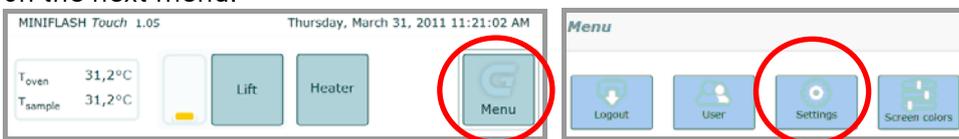Please read the operation manual first to ensure complete functionality of the instrument.**

GETTING STARTED

1. Place the MINIFLASH *TOUCH* on a bench top with unobstructed air-flow to the rear side and from the right-hand side of the instrument.
2. Switch on the instrument with the power switch above the power connector.
3. The touch-screen of the instrument is now illuminated and shows the login menu.
4. Login, and the instrument is now ready to use.

SETUP OF THE MINIFLASH

CHANGING TEMPERATURE SCALE, PRESSURE SCALE AND LANGUAGE
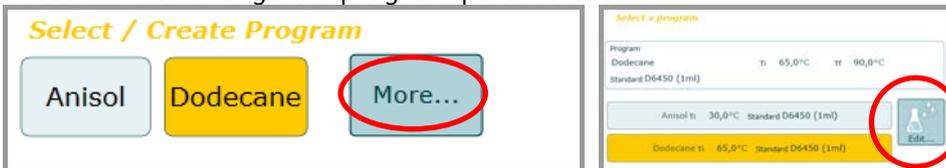
1. To change the settings, click on the **MENU** button on the top right side of the screen and on **SETTINGS** on the next menu.

2. In the settings menu, change the required parameters and press **BACK** to leave the settings menu.
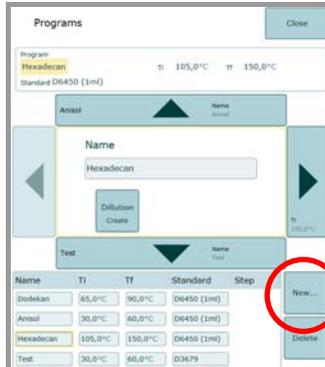
PROGRAM MEASUREMENT ACCORDING TO ASTM D7094

1. In the main menu choose **MORE** to create a new program or edit a current program.
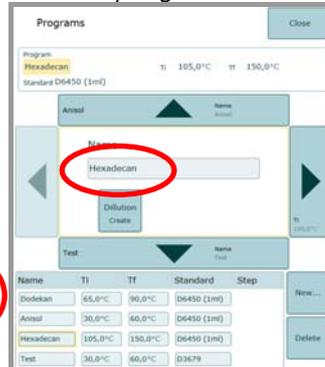   Press **EDIT** to change the program parameters:

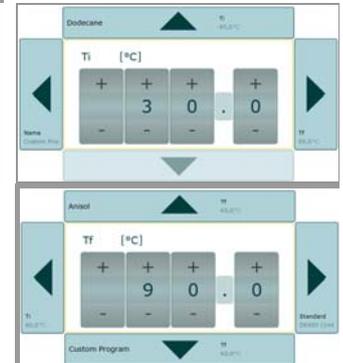2. Configure a new ASTM D7094 program in the program menu:

A *Select* **NEW**	B *Enter program name*	C *Select* **D7094 Manual**	D *Enter* **Ti** *and* **Tf**

3. Select the Initial Temperature **Ti** and Final Temperature **Tf** as in accordance with ASTM standard D7094: **Ti** has to be at least 18 °C below the expected or actual flashpoint. **Tf** is the *Final Temperature,* which should be well above the expected flash point temperature.

4. Press **CLOSE** to return to the main menu, the new program is stored in the instrument and can be used for consecutive measurements.

PROGRAM MEASUREMENT ACCORDING TO ASTM D6450

Repeat steps 1-4 of the D7094 program, but choose the **D6450 Manual** Method instead.

START A MEASUREMENT

ASTM D7094: Use a 7ml test cup with 2 ml sample and the stirring magnet for this test procedure.
ASTM D6459: Use a 4ml test cup with 1ml sample and the stirring magnet for this test procedure.

1. Choose your measuring program in the Main Menu
2. Press on the **field beside sample ID** and enter the sample name via touch-screen, or external USB keyboard or bar code reader

3. Press **OK**
4. Press **RUN**
5. When the oven temperature has reached Ti, the display changes to **INSERT SAMPLE.**
6. Fill the cooled sample into the sample cup and place the cup in its holder.
7. Press **CONTINUE** to initiate the measurement process.
8. When the instrument detects the flash point temperature of the sample, the result will be displayed:

The oven is actively cooled down to the starting temperature.
Press **CLOSE** to get back to the main menu and start with the next sample.
The oven temperature remains at Ti and MINIFLASH *TOUCH* is ready for the next measurement.