



Crystal Clear & Healthy Mikva Water

Oxidation Operation Manual

Model: OXD

We thank you for the opportunity of allowing us to take part in this special mitzva of enhancing purity in Klal Yisrael. Every system used within the Bor Tevila is required to meet certain Halachic criteria and many of our products are assembled individually by hand with great detail in order to maintain the strict Halachic requirements. Although we try our utmost to have every system made at the highest quality standard, if your system is damaged in any way, please reach out to us immediately for assistance.

Getting Started

First-use setup for the OXD control tablet

The OXD controller relies on an accurate system time. Connect the tablet to Wi-Fi when available; if no network is available, set the time manually before operating the system. See System Clock & Pump Speed on page 9 for manual time-setting instructions.

01 CONNECT TO WI-FI

Connect the tablet to the mikva's Wi-Fi network using the tablet's standard Wi-Fi settings. Once connected, return to the OXD Home Screen.

02 CONFIRM THE TIME

Check the time shown on the screen. If the time is correct, no further clock setup is needed.

TIME CORRECT

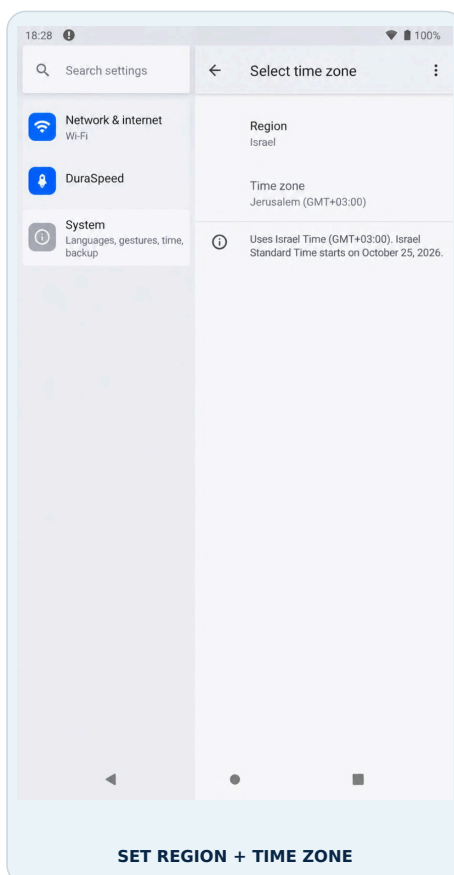
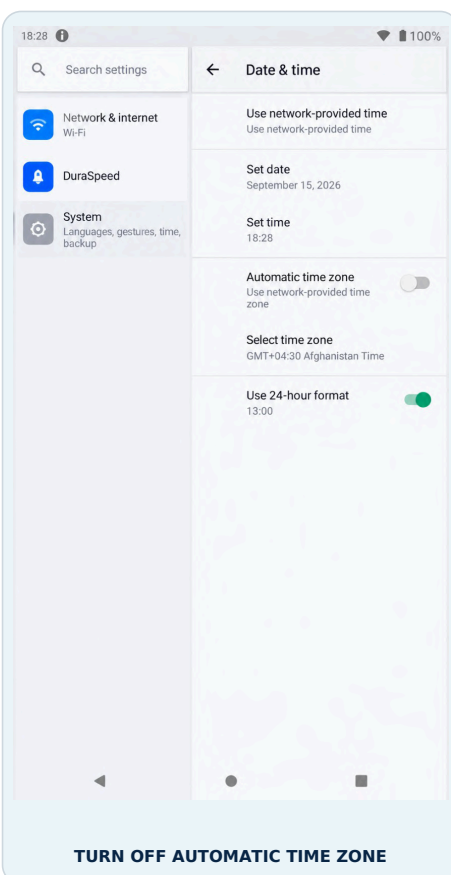
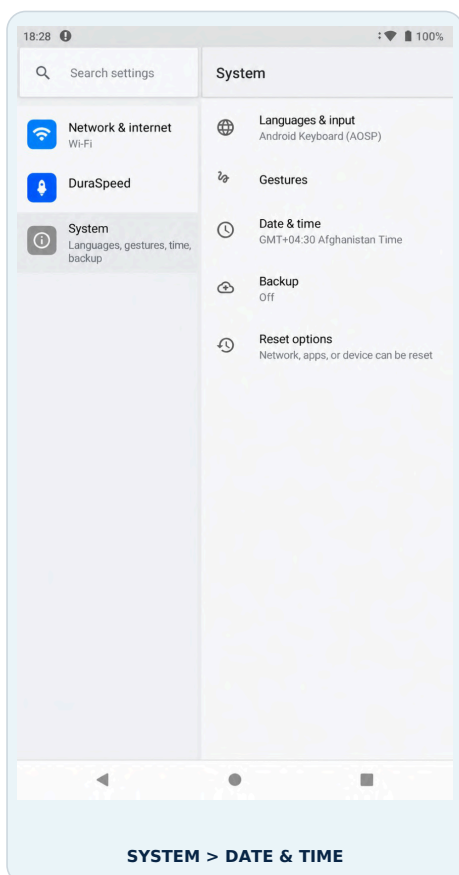
Continue to set the operating hours.

TIME INCORRECT

Correct the Region / Time zone below.

03 IF THE TIME IS WRONG - CORRECT THE REGION

1. Swipe down from the top of the tablet, open Settings, then select System > Date & time.
2. Turn OFF Automatic time zone. Select Select time zone.
3. Set Region to your location, then choose the correct Time zone. Confirm that the time at the top of the tablet is now correct.

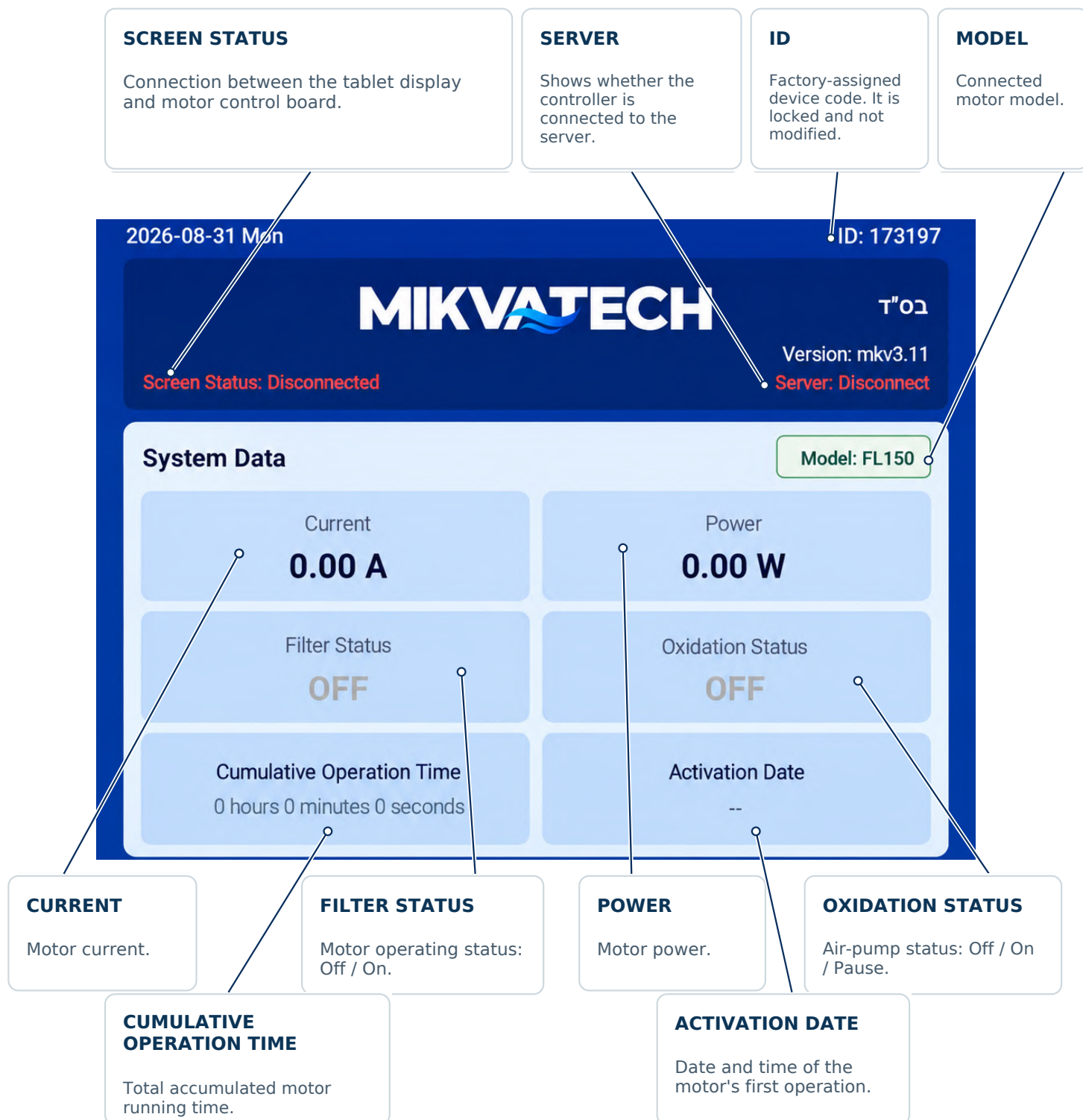


TO SET THE OPERATIONAL HOURS

The system should not operate 24/7. See Timer Programs on page 5 to choose or set the operating hours.

System Data

Home Screen Controls



Operation Info and Controls

Home Screen Controls

SET TIMER PROGRAMS

Press the button to open the schedule page for choosing or editing operating hours.

MANUAL TIMER SWITCH

Turns scheduled start/stop control on or off.

SCHEDULE SUMMARY

Shows the programmed ON and OFF times.

Manually Set Filter Hours			
Manual			
ON	2:00	8:00	14:00
OFF	10:00	16:00	22:00

Filter + OXD ON

Always

Filter ON

Always

Pause

Always

FILTER + OXD ON

Starts the motor and OXD simultaneously.

FILTER ON

Starts only the motor; OXD remains off.

PAUSE

Stops operation.

TIMER PROGRAMS & SETTINGS

See pages 5-7 for instructions on selecting a timer program, setting manual operating hours, and understanding timer behavior and 30-minute overrides.

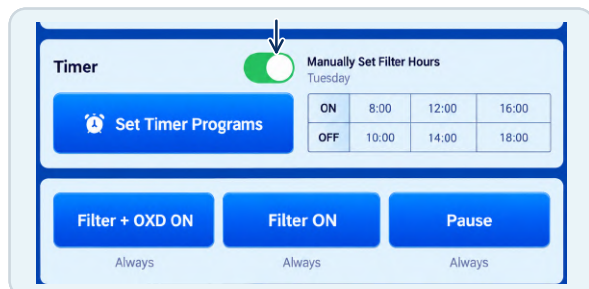
Timer Programs

Select the operating schedule

Use the Home Screen timer controls to select a suggested schedule or create a manual schedule.

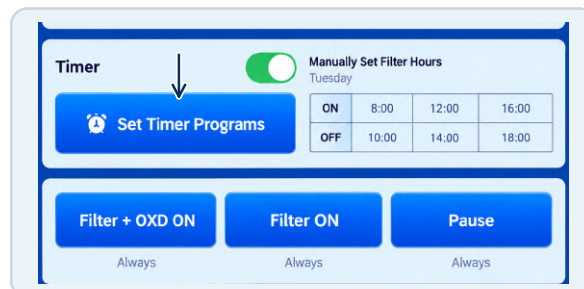
01 TURN THE MANUAL TIMER SWITCH ON

From the Home Screen, turn the Manual Timer Switch ON when the system should follow a schedule.



02 PRESS SET TIMER PROGRAMS

Press the Set Timer Programs button to open the page where the operating schedule is selected or edited.



03 SELECT THE OPERATING SCHEDULE

• Suggested Women's Mikva Hours

Uses the built-in suggested women's schedule.

• Suggested Men's Mikva Hours

Uses the built-in suggested men's schedule.

• Manually Set Filter + OXD Hours

Creates a manual schedule for the filter and oxidation together.

• Manually Set Filter Hours

Creates a manual schedule for the filter only.

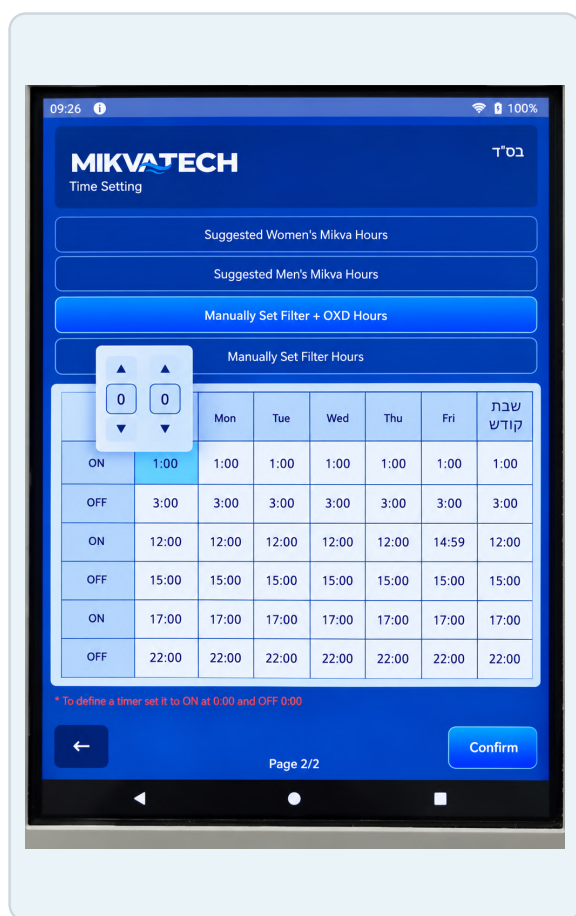
SAVE THE SELECTION

After selecting the required option, press Confirm.

Manual Timer Settings

Set custom operating hours

MANUAL SCHEDULE PAGE



Each day can contain up to three separate ON / OFF periods.

01 CHOOSE A MANUAL OPTION

Select either Manually Set Filter + OXD Hours or Manually Set Filter Hours, depending on which function is being scheduled.

02 EDIT THE TIMES

Tap the time cell that must be changed. Use the on-screen controls to adjust the hour and minutes for the ON and OFF times.

03 SET ONLY THE REQUIRED PERIODS

Each day can use one, two, or three periods. To delete an unused period, set both the ON and OFF times to 00:00.

04 CONFIRM THE SCHEDULE

After setting the required times, press Confirm to save the schedule.

Timer Behavior & Overrides

Understand manual mode and scheduled mode



MANUAL TIMER SWITCH OFF

Scheduled control is disabled.

Pressing Filter + OXD ON starts both functions continuously until manually changed. Pressing Filter ON runs the filter continuously until manually changed. Pressing Pause keeps the system paused until manually changed.

Routine operation should not be left in continuous 24/7 operation. Continuous operation shortens component life and increases the likelihood of overheating and malfunctions.



MANUAL TIMER SWITCH ON

Scheduled control is active and the Home Screen follows the programmed operating hours.

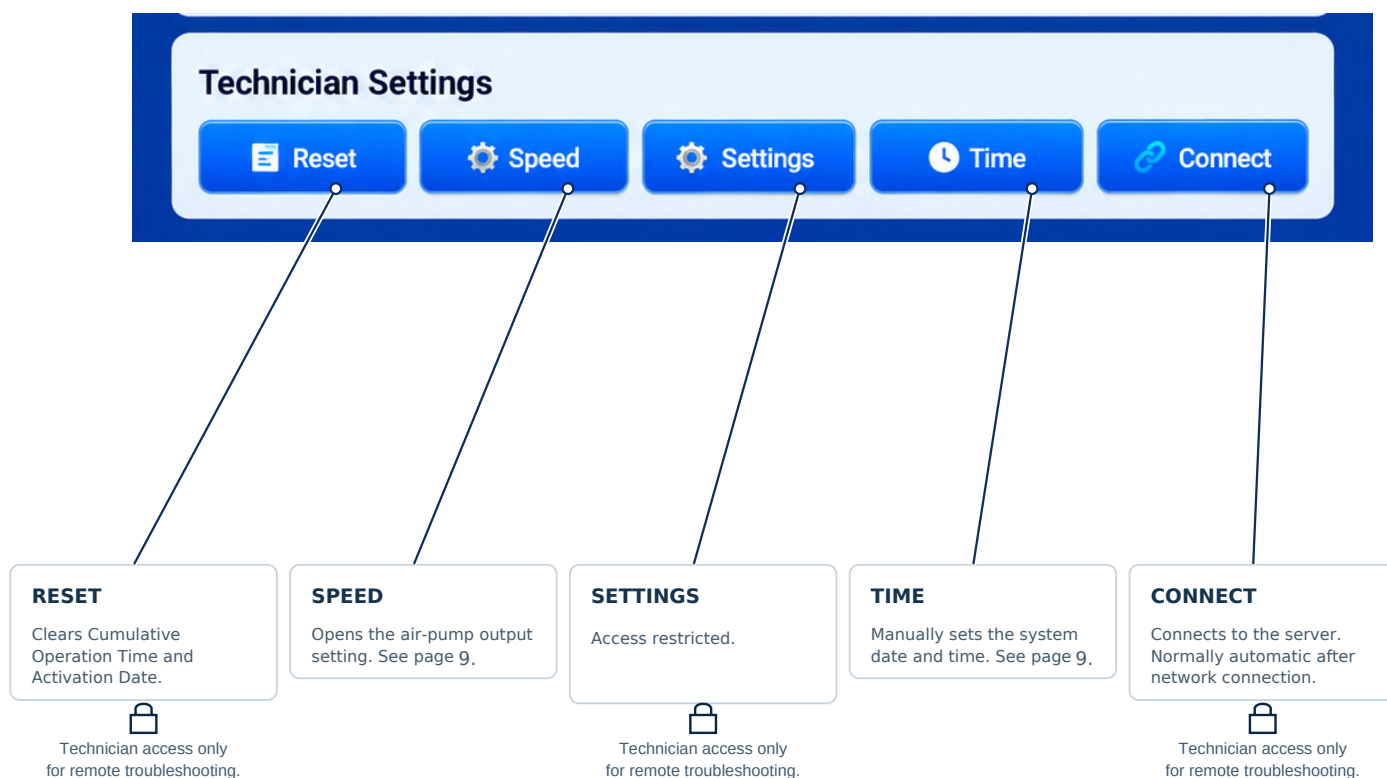
Pressing Filter + OXD ON or Filter ON during an OFF period starts the selected function for 30 minutes. Pressing Pause during an ON period pauses operation for 30 minutes. After 30 minutes, the controller automatically returns to the schedule.

DRY CONTACT OR EXTERNAL PLUG

If the installation uses a dry contact or an external plug, set the appropriate manual state to Always so the external control can switch the system on or off.

Technician Settings

Service controls available from the Home Screen

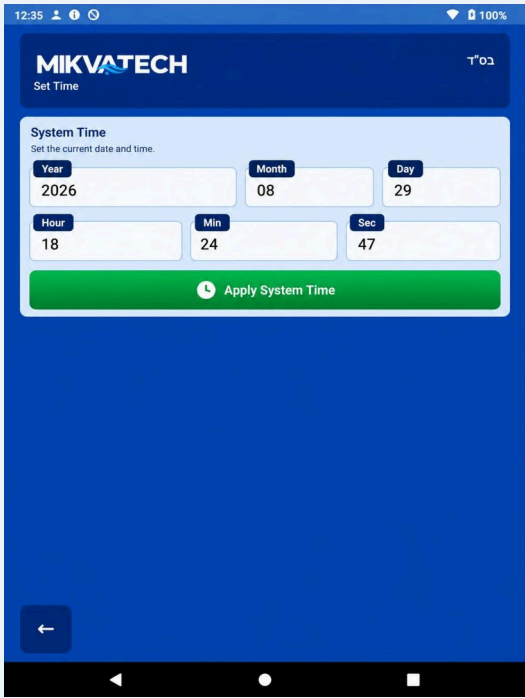


System Clock & Pump Speed

Set the controller clock and the air-pump output

TIME PAGE

Use the Time page only when there is no network connection and the controller time is not accurate. It sets the controller clock; it does not set operating hours.

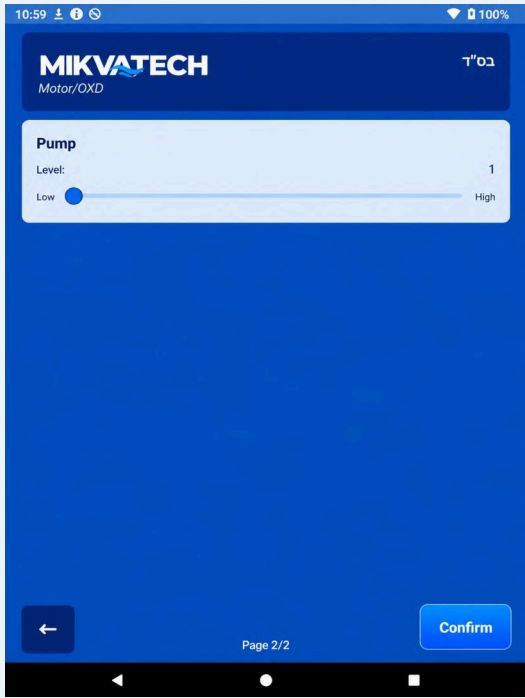
The screenshot shows the 'Set Time' interface of the MIKVATECH system. At the top, the status bar shows the time 12:35 and 100% battery. The header includes the MIKVATECH logo and the text 'Set Time'. Below this, a section titled 'System Time' with the instruction 'Set the current date and time.' contains input fields for Year (2026), Month (08), Day (29), Hour (18), Minute (24), and Second (47). A green button with a clock icon and the text 'Apply System Time' is positioned at the bottom of the form. A back arrow is visible in the bottom left corner.

SET THE SYSTEM TIME

Enter the correct date and time, then select Apply System Time.

SPEED PAGE

The Speed page controls the operating level of the OXD air pump.

The screenshot shows the 'Pump' speed control interface. The status bar at the top shows 10:59 and 100% battery. The header includes the MIKVATECH logo and 'Motor/OXD'. The main section is titled 'Pump' and shows a 'Level:' indicator set to '1'. Below this is a horizontal slider bar with 'Low' and 'High' labels. A blue button labeled 'Confirm' is located at the bottom right. A back arrow is in the bottom left corner, and 'Page 2/2' is displayed at the bottom center.

SET THE PUMP LEVEL

Move the slider to the desired pump level, then select Confirm to save the setting.

WHEN WI-FI IS AVAILABLE

After connecting to Wi-Fi, confirm the displayed time. If the time is incorrect, first correct the tablet Region / Time zone in Android Settings (System > Date & time). Use manual time entry only when accurate network time is unavailable.

Automatic Update

Install controller software updates when a new version is available

01 / UPDATE PROMPT

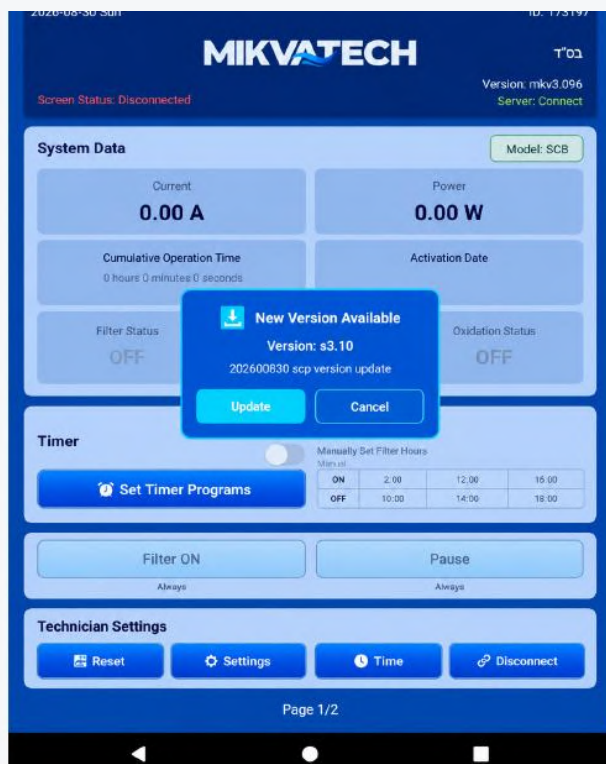
When a new version is available, an update option appears after startup.

02 / NETWORK CONNECTION

Run the update only with a smooth, stable network connection. Select Update to proceed.

03 / IF YOU SELECT CANCEL

After selecting Cancel, the update prompt for that version will no longer appear automatically. Contact MikvaTech if an update is needed later.



UPDATE ASSISTANCE

If the update prompt no longer appears, contact MikvaTech for assistance.

Support & Resources

Final handoff before regular operation

BEFORE REGULAR OPERATION

Review the operating instructions and timer behavior in this manual before regular use. Make sure the person responsible for routine operation is familiar with the Home Screen controls and operating schedules.

Need Assistance?

If anything in this manual is not clear to you, contact a MikvaTech technician before operating the system.

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Thank you for choosing MikvaTech.

We are honored to take part in this special mitzva
and to support the health and cleanliness of your mikva water.

For support and contact information,
please refer to the final page inside this manual.