INDEPENDENT X-RAY
QUALITY ASSURANCE

Use with
☑ Mako



RTI Mako Display App | Specifications

App-Powered Freedom for X-ray QA and Testing

With the **RTI Mako Display App**, turn your iOS or Android smartphone or tablet into a wireless display for instant X-ray measurements. No dedicated display, no unnecessary cables. Free to download on the App Store and Google Play.

The app supports the entire RTI Mako ecosystem, covering radiography, fluoroscopy, mammography, CT, and dental. Connect Mako Probes, Modules, and compatible external detectors. Now also including the RTI Scatter Probe, bringing scatter and leakage measurements into the same seamless, app-powered workflow.

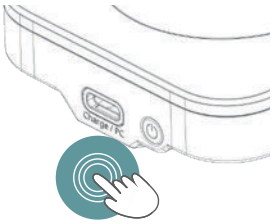
- Wireless with fast real-time data (cable option available)
- Full Mako system support
- No setup required with Mako probes – connect and measure
- One-click waveform view with landscape mode
- Automatic data logging with history access
- Export from live session or saved logs
- Meter settings accessible in-app
- Automatic firmware updates
- User preferences (e.g. unit selection)

Download on the App Store

GET IT ON Google Play

How To Get Started.

1. Turn on the Mako Base Unit.
2. Start the Mako Display App
3. Connect wirelessly or via cable to your Mako Base Unit.
4. Select a probe and start measuring!





The Mako Display App is designed for simplicity, speed, and intuitive operation. After the initial setup, the app automatically connects wirelessly* to your Mako system.



*Wireless connectivity for iOS will be available in an upcoming app release in early 2027.

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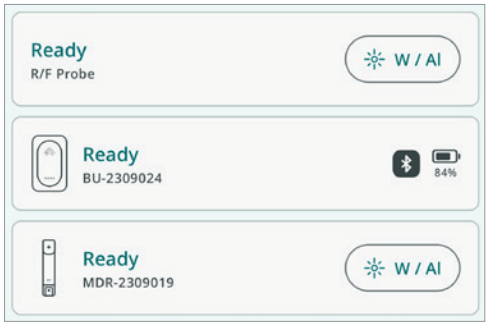
RTI Mako Display App Overview

1. Tap the display card to see more info (such as Mako battery status).



2. Tap to change the beam quality.

3. Tap to see enlarged view with waveform. Tap the waveform again to go full screen.

4. Previous exposures will be shown by numbers. Click (or swipe the screen) to view.

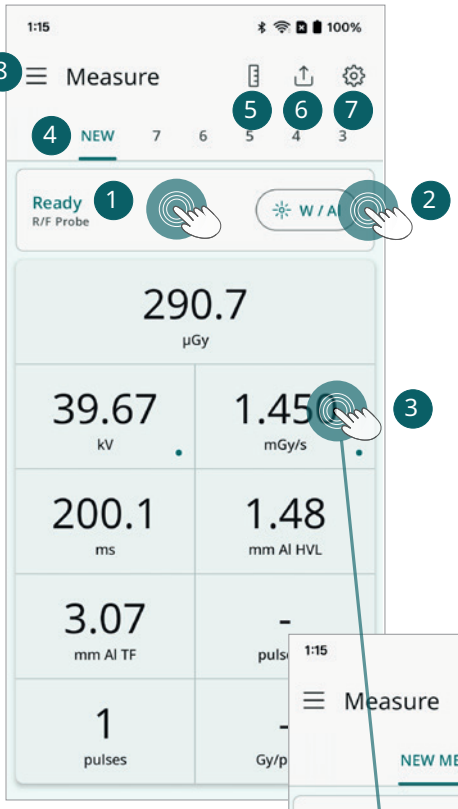


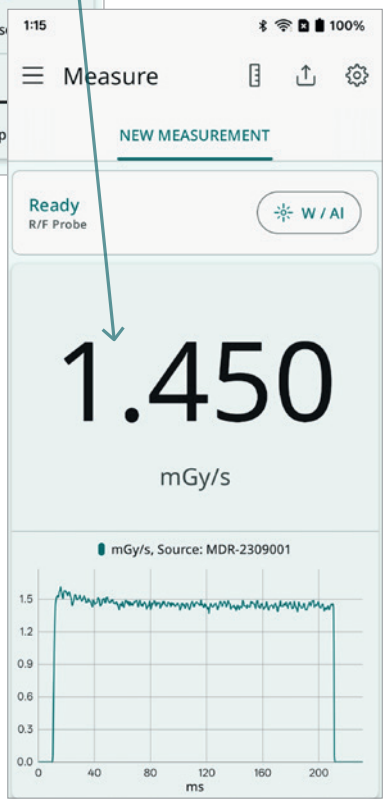
5. See a list-view of previous exposures with time stamps.

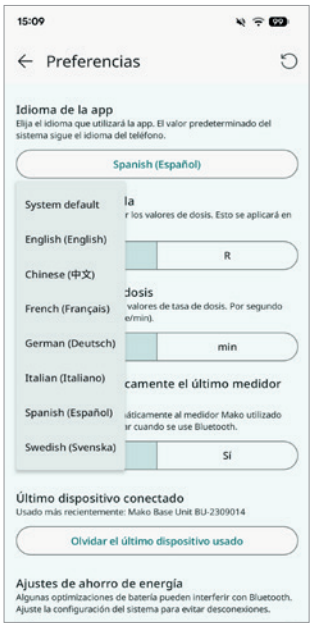
6. Export current measurement session to Excel.

7. Tap the cog wheel to change meter settings.

8. In the main menu, you can find Logs (measurement history), Preferences (e.g. language settings, Gy or R units) and Support.



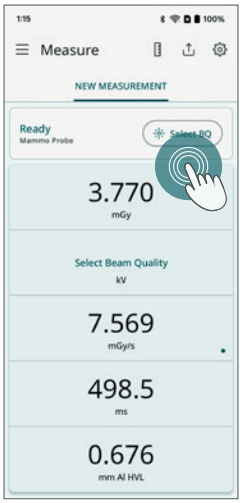




The RTI Mako Display App is available in multiple languages to support users around the world. English is the default language, with additional support for Spanish, Italian, German, French, Swedish, and Chinese. Users can easily select their preferred language from the Preferences menu.

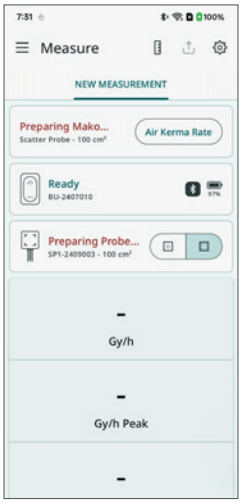
Mammography workflow

- In Mammography no measurement selections are required.
- Dose, dose rate, exposure time, and HVL are measured automatically without any user selection.
- To measure kV, simply select the appropriate beam quality.



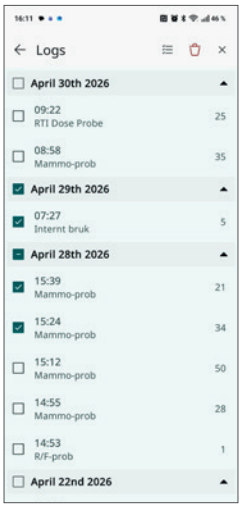
Scatter and leakage testing

- Simply connect the RTI Scatter Probe and start measuring by triggering an exposure (Normal Mode), or manually start and stop measurements by selecting Free-run Mode in the meter settings.
- In the meter settings, you can also customize your measurements by selecting the sensor area and setting a radiation alarm that activates when the air kerma rate exceeds a specified threshold.



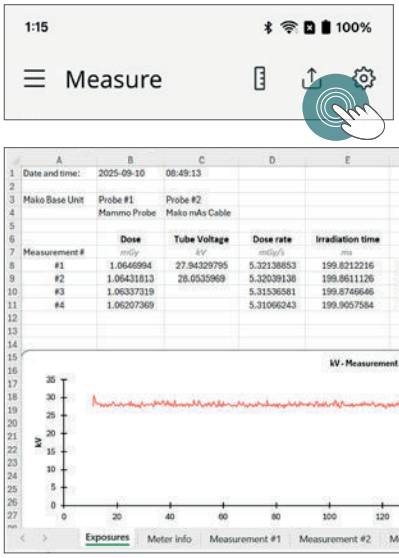
Logs

- All measurement sessions are automatically saved.
- Logs are stored within the app for easy access and review.
- Logs can be exported to Excel at any time.
- Logs can be deleted when no longer needed.



Excel Export

- Any measurement session can be exported directly to Excel.
- Export data with a single tap using the Export button.
- Exported files can be shared through standard sharing options, including email, messaging apps, cloud storage, or local file saving.
- Raw waveform data is captured and stored for every waveform measurement.



Example Xcel Export

Snapshot & Pause Functions

- Dynamic measurement functions are available with compatible probes.
- Pause mode for Ion Chambers allows probe repositioning without triggering new measurements.
- Snapshot mode for light probes captures and logs individual readings during continuous measurement.
- Designed to improve measurement efficiency and workflow flexibility.

