



USER MANUAL ICAR ANALYSIS SOFTWARE FOR MILK RECORDING DEVICES

1. Where can the tool be found?

The link to the tool can be found [here](#) on the landing page of the MRSD SC on the ICAR webpage, under "News and updates".

The screenshot shows the ICAR website's landing page for the Measuring, Recording and Sampling Devices Sub-Committee. The page layout includes a header with the ICAR logo and tagline, a navigation menu, and a breadcrumb trail. The main content area is divided into several sections:

- Measuring, Recording and Sampling Devices Sub-Committee**: The main heading for the page.
- Steps to submit a recording device for ICAR testing & certification**: A section with a diagram showing the certification process flow, including steps like 'Apply for ICAR Certification', 'ICAR Review', 'ICAR Approval', 'ICAR Testing', and 'ICAR Certification'. A '<read more...>' link is provided.
- News and Updates**: A section with a bullet point: 'Software for testing meters according to ICAR Guidelines'.
- ICAR Certified Milk Meters**: A section with a '<read more...>' link.
- ICAR-Certified Weigh Jars**: A section with a '<read more...>' link.
- ICAR sensors overview**: A section with a bullet point: 'File (as .xlsx) available'.
- Software for meters testing**: A section with a bullet point: 'The software for registered users is available here'.



2. How do I get access to the tool?

You need to register for getting access to the tool. When you have clicked on the link to the tool under "News and updates", you will get to the screen "Software for milk meters testing". After the second paragraph on this screen, you will find a link to the application form. On the application form you need to provide some information. You will also find the software sharing provisions, on which you need to agree. Besides that, it is required that your organisation is (associate) member of ICAR.

After having submitted your application form, the form will be send to the ICAR secretariat. You will receive further information from the ICAR secretariat how you can access the tool.

The screenshot shows a web browser window displaying the ICAR website. The page title is "Software for milk meters testing". The header includes the ICAR logo and the text "THE GLOBAL STANDARD FOR LIVESTOCK DATA". A navigation menu contains links for "ABOUT US", "TECHNICAL BODIES", "CERTIFICATIONS", "PUBLICATIONS", "GUIDELINES", and "MEETINGS". The main content area features the ICAR logo and the text: "ICAR's Sub-Committee for Measuring, Recording and Sampling Devices is responsible for the ICAR Guidelines as well as the test and approval of milk recording devices. The testing is conducted by our ICAR authorized Test Centers and administered by ICAR. The statistical analysis software used by the Test Centres is owned by ICAR." Below this, there is a paragraph explaining the software's availability and a link to the application form. A login form is present with fields for "Username or Email Address" and "Password", and a "Log In" button. At the bottom, there are three columns of links: "EXTRACTS FROM GUIDELINES", "ICAR CERTIFICATIONS/ACCREDITATIONS", and "PUBLICATIONS AND PROCEEDINGS". The footer contains the contact information: "ICAR, Via Savioia 78, sc. A int. 3, 00198 Rome, Italy - Email: icar@icar.org". The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons.



3. How can I use the tool?

You will receive username and password from the ICAR secretariat. With the username and password you can login to the tool at the bottom of the screen "Software for milk meters testing".

The tool consists of four steps.

1. In step 1 you can enter your information.
2. In step 2 you can download an example file, to prepare your own file. The specifications of the columns in the example are given. Please do not remove the header of the file. After you have entered your data in the file, store the file on your disk.
3. In step 3 the file that has been stored on the disk has to be loaded in the tool.
4. In step 4, the tool can be run. The results of the calculation are shown in the left column of the page. You can download 1) results per meter, 2) a summary of the results and 3) all detailed results. To store the results you have to download the results files. The results are not stored on the server and will be removed after you log out.

For questions about the tool, please contact Andie Dimitriadou (andie@icar.org).

The screenshot shows a web browser window displaying the ICAR website. The page title is "Software for milk meters testing" and the URL is "icar.org/index.php/milk-meters-testing/". The website header includes the ICAR logo and the text "THE GLOBAL STANDARD FOR LIVESTOCK DATA". Below the header is a navigation menu with links for "ABOUT US", "TECHNICAL BODIES", "CERTIFICATIONS", "PUBLICATIONS", "GUIDELINES", and "MEETINGS". A "Log out" link is visible in the top right corner. The main content area is divided into four steps:

- 1. Enter informations**
 - Enter the name of the farm: [text input field]
 - Enter the name of the meter: [text input field]
 - Select the Test Center:
 - French TC
 - Dutch TC
 - German TC
 - Other
 - Select species:
 - Cattle
 - Buffalo
 - Goat
 - Sheep
- 2. Prepare your file**
 - Download example file: [button]
 - Column specifications:
 - meter_number : 4 meters maximum
 - milk_record : milk yield (in kg) measured by the meter
 - milk_ref : reference milk yield (in kg)
 - fat_record1 : fat percentage measured by the meter
 - fat_record2 : fat percentage measured by the meter (if duplicate samples)
 - fat_ref1 : reference fat percentage
 - fat_ref2 : reference fat percentage (if duplicate samples)
 - remarks : if needed
- 3. Import your file**
 - Select your Excel file:
 - Browse... [button] No file selected
- 4. Start calculations**
 - Submit [button]

4. Background of the tool

ICAR's Sub-Committee for Measuring, Recording and Sampling Devices (MRSD SC) is responsible for the ICAR Guidelines as well as the test and approval of milk recording devices. The testing is conducted by our ICAR authorized Test Centers and administered by ICAR. The statistical analysis tool used by the Test Centres is owned by ICAR.

To help our Members and Associate Members better understand and be more prepared for the ICAR testing, the Sub-Committee decided at its February 2012 meeting to make this tool accessible to ICAR Members and Associate Members, provided that you agree to the software sharing provisions. ICAR released a new online app version of the tool in May 2021, replacing the previous Excel version.