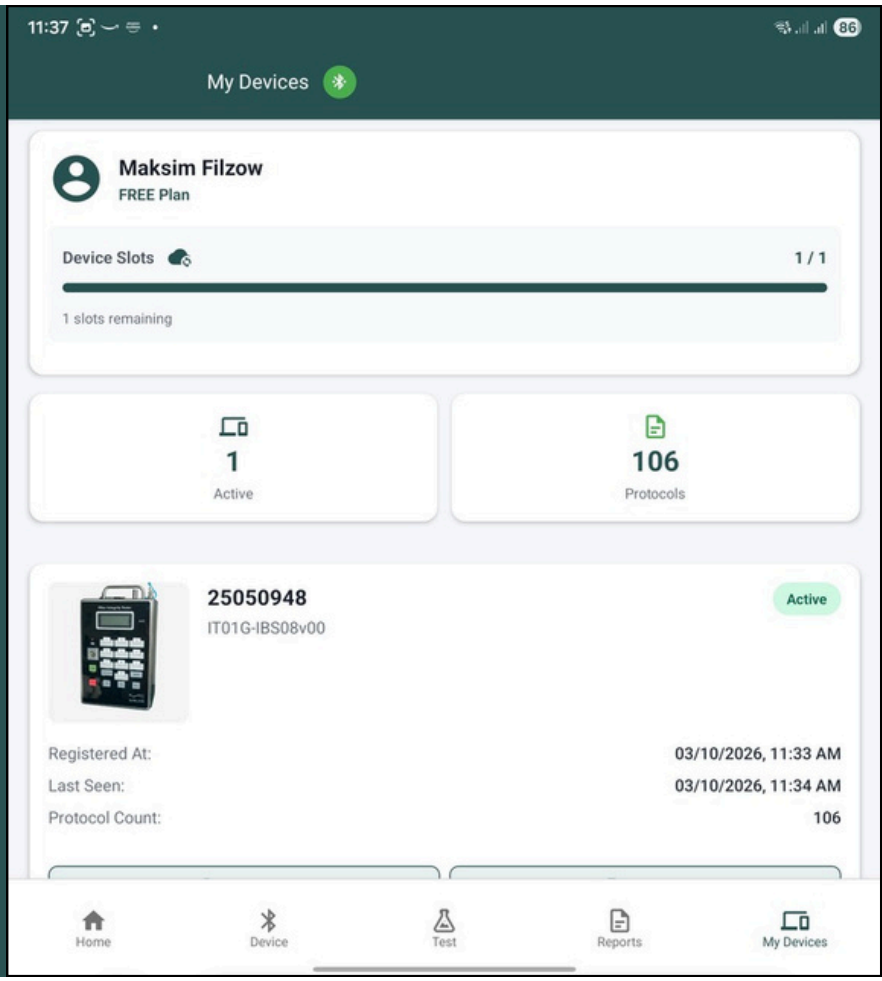
FLOW TEST
FILTER INTEGRITY TEST SOLUTIONS

FLOW TEST APP-COLLECTOR

- Fast and efficient management of test protocols
- GMP-compliant PDF reports with digital signature and secure timestamp
- Available for IT-01 and IT-01B filter testing devices
- Management of multiple devices within a single app possible



Efficient test data collection with the App Collector

Flow-Test GmbH offers an innovative app for smartphones and tablets that is compatible with both iOS and Android. The application allows users to receive test reports directly and manage data efficiently and conveniently.
Special emphasis was placed on backward compatibility during the development of the app. This ensures that existing devices can continue to be used seamlessly with the application.
The application is specifically designed for filter testing devices of the IT-01 and IT-01B types.
All test reports are automatically generated as PDF files with a secure timestamp. This guarantees that any subsequent modifications are prevented – a crucial advantage for use in GMP- and GLP-compliant environments.

Commissioning of the App Collector

To connect the app to the testing device and use it efficiently, please follow the steps below:

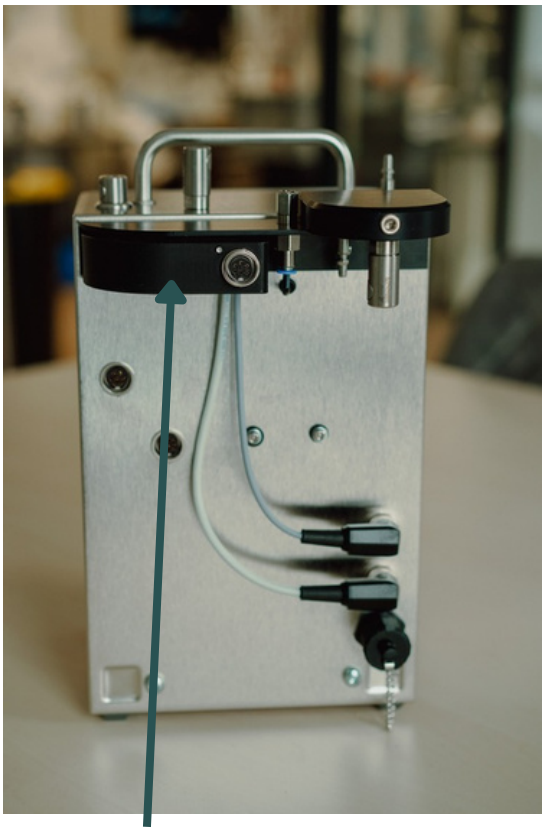
1. Acquire the required hardware
2. Download and Sign Up the App Collector
3. Connect the filter test device to the app
4. Management of test protocols

1 Acquire the required hardware

To use the App Collector, a hardware adapter is required. This adapter converts the serial interface signal of the filter test device into a Bluetooth signal, enabling a wireless connection between the device and the app.
Depending on the type of filter test device, different adapters are used. The appropriate adapters can be ordered from Flow-Test GmbH under the following order numbers:

- “IT-01-App” – for the IT-01 filter test device
- “IT-01B-App” – for the IT-01B filter test device

The installation of the adapters is simple and can be carried out by the customer. For the IT-01, the adapter is installed underneath the capsule holder. The shape of the adapter is precisely matched to the circular geometry of the capsule holder. For the IT-01B, the adapter is plugged into the socket labeled “Data Interface / Keyboard” on the rear side of the device.
After installing the adapter and switching on the device, a green LED on the adapter will start blinking. This indicates that the installation was successful and that setup can be continued with the next steps.



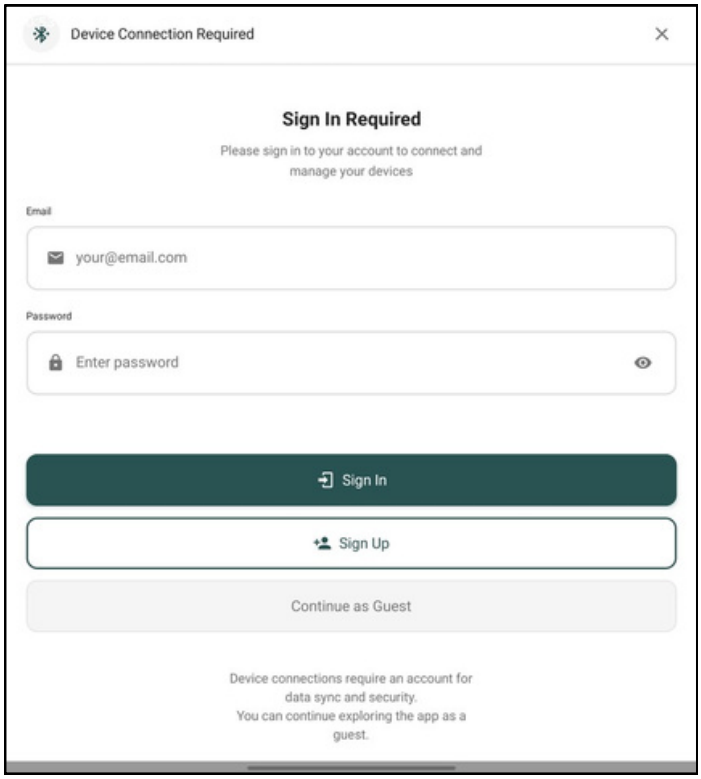
Bluetooth - Adapter “it-01”



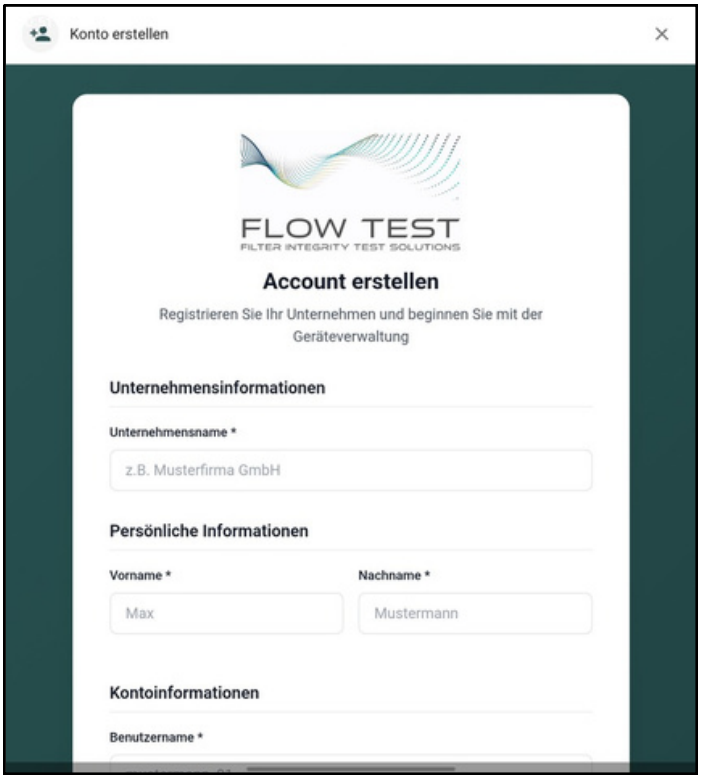
Bluetooth - Adapter “it-01B”

2 Download and register the App Collector

In the next step, download the App Collector from the appropriate app store. Android users can find the app in the Google Play Store, while iOS users can download it from the Apple App Store.
After successful installation and opening of the app, you will automatically be taken to the login screen.
If you have not yet created a user account, please complete the registration as described below.
If you already have a user account and are using our devices, no new registration is required. In this case, you only need to add the new filter test device to your online account.

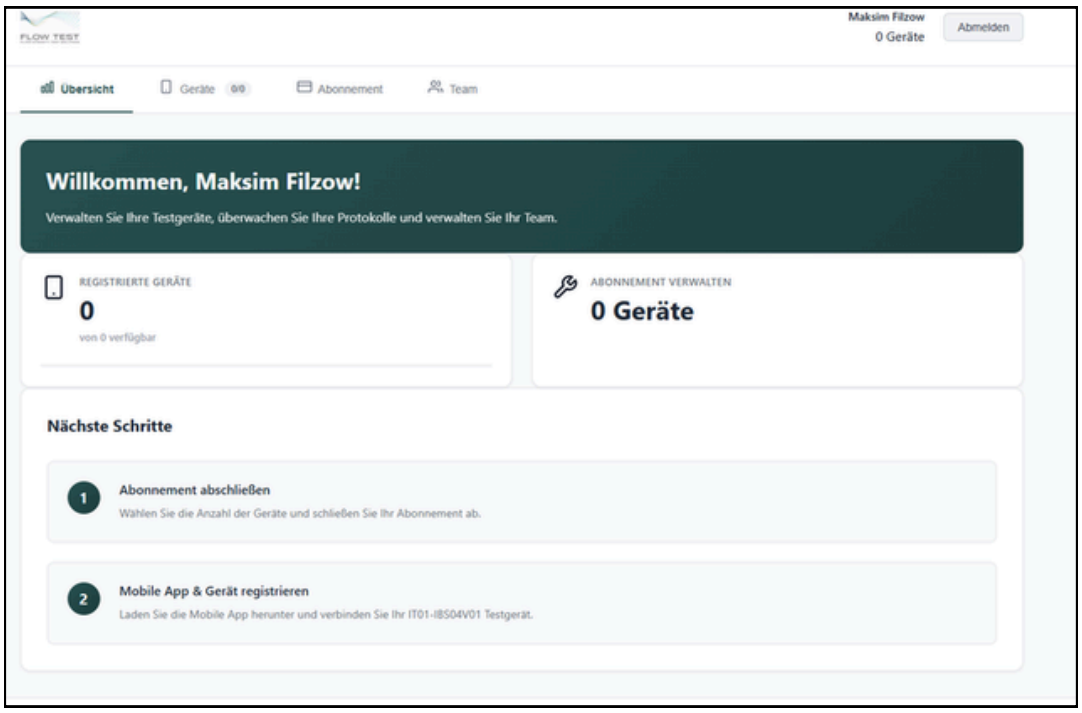


Sign up => Step 1:
Choose Sign up

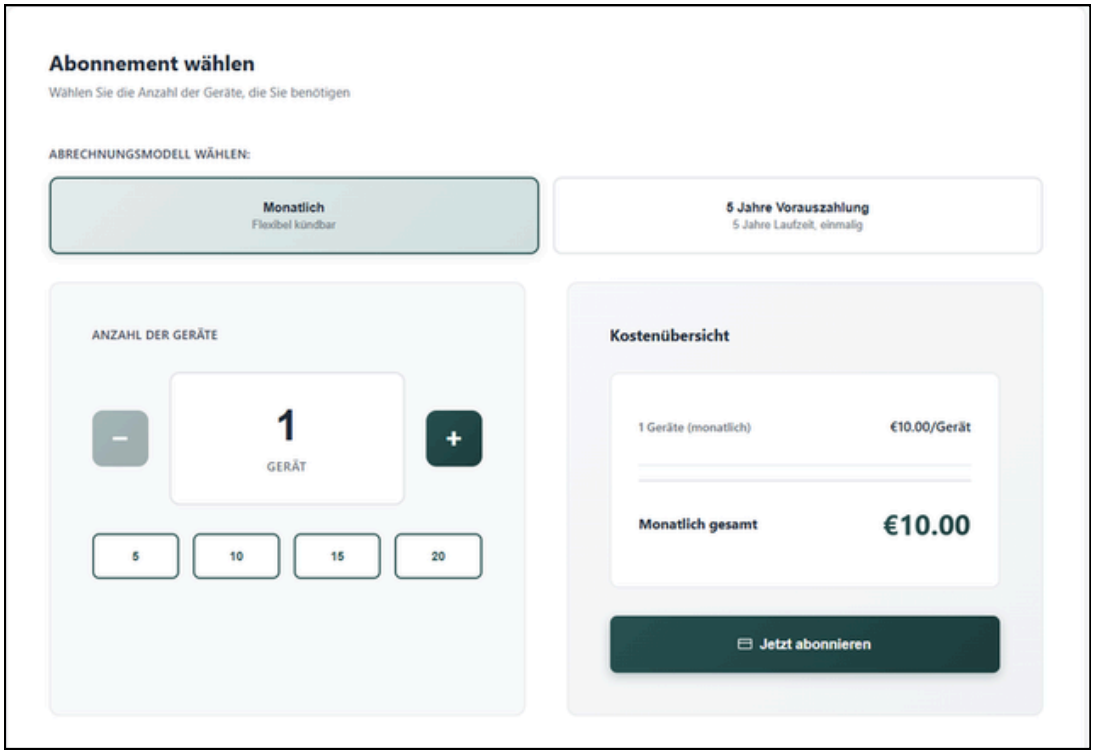


Sign up => Steps 2:
Enter company informations

After entering the company details, you will receive an email with a confirmation link. Once you have confirmed this via the email, the company registration page will open. Please then follow the further steps described below.

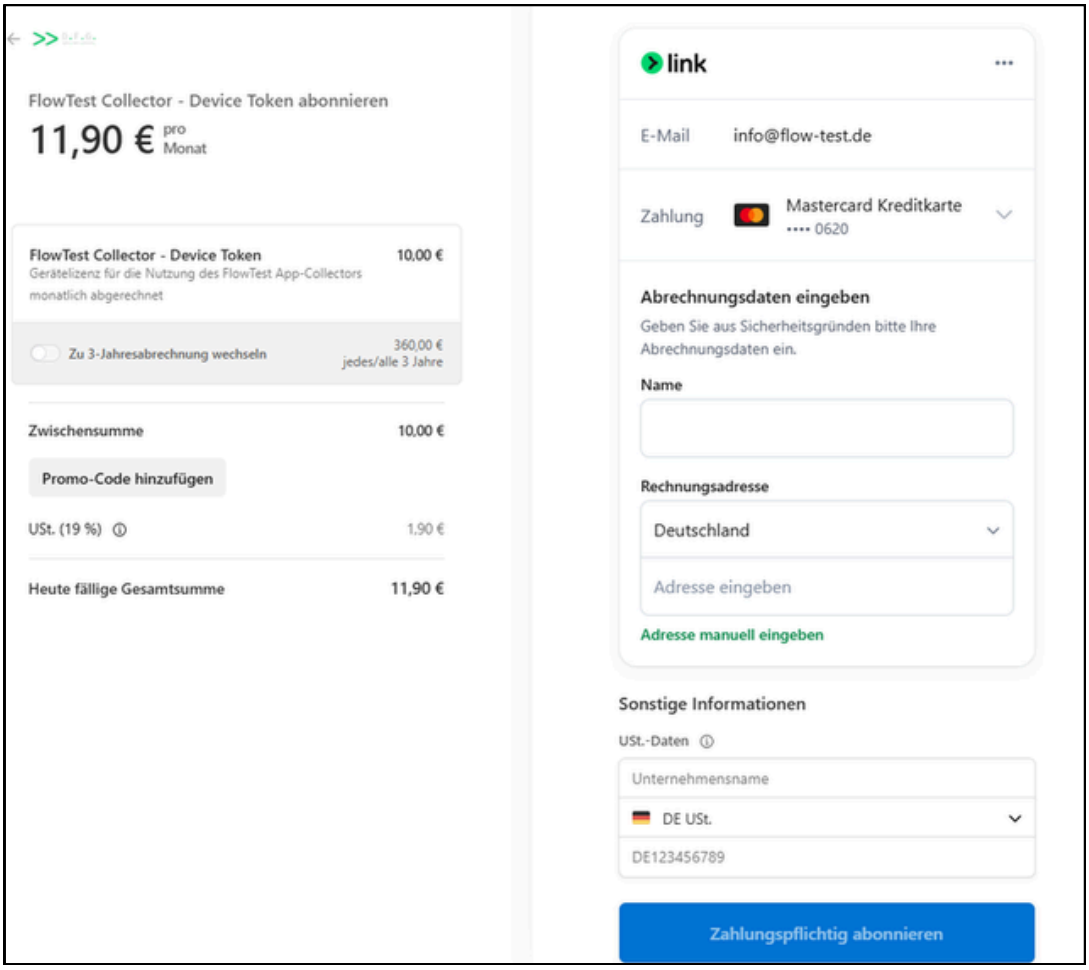


Sign up => Step 3: Subscribe



Sign Up => Step 4: Add the number of devices and select a plan (monthly or 5-year plan)

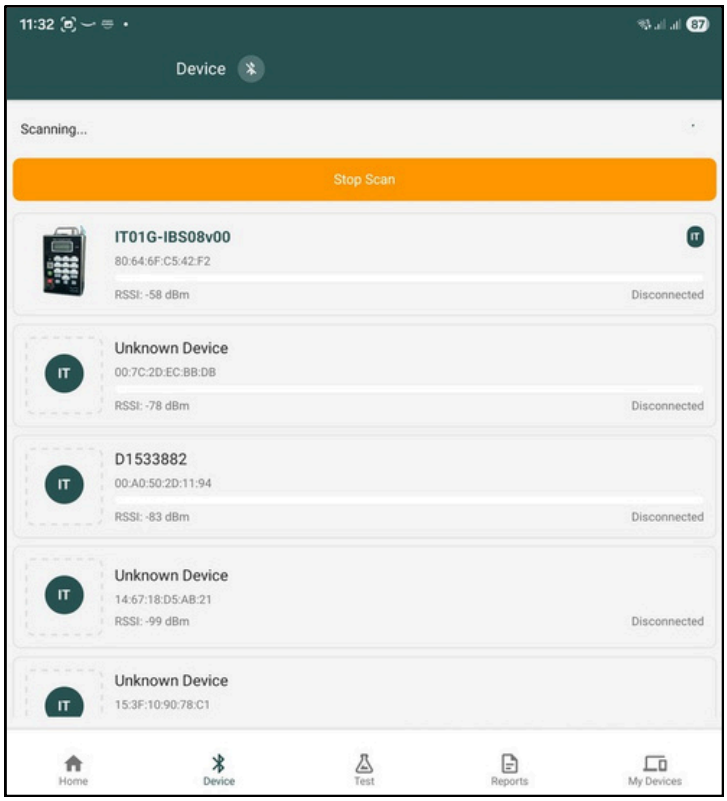
After entering the company details, you will receive an email containing a confirmation link. Once you have confirmed this via the email, the company registration page will open. Please then follow the additional steps described below.



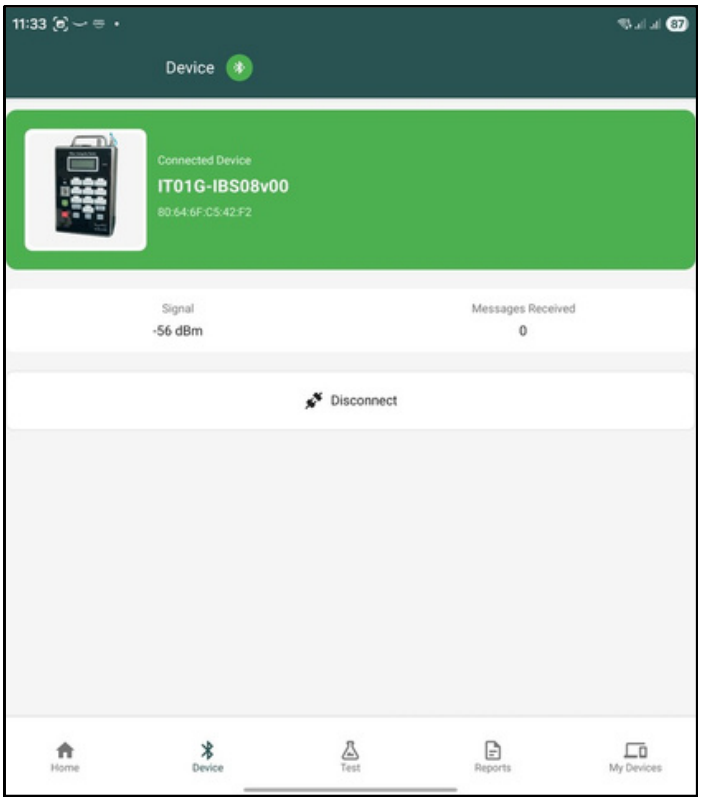
Sign Up => Step 4: Enter payment details and subscribe

3 Connect the filter test device to the app

After successful registration, return to the Flow-Test app. The certificate should now be displayed on the home screen. Then connect the device to the app so that you can manage the test protocols.



App connect => Step 1: Start Scan

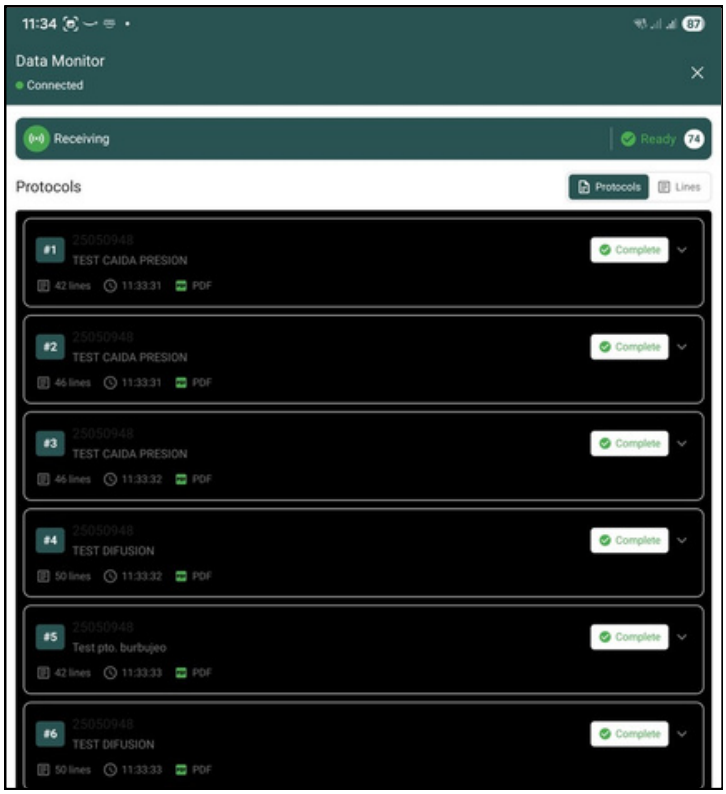


App connect => Step 2: Device succesfully connected

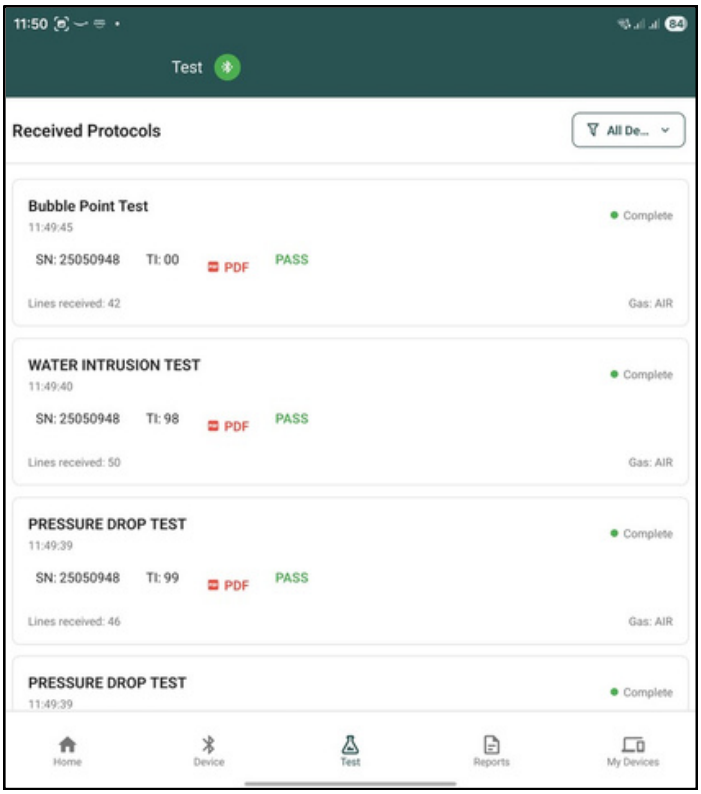
4 Management of test protocols

Once the device is successfully connected to the app, management of the test protocols can begin. The protocols can be transferred in two ways:

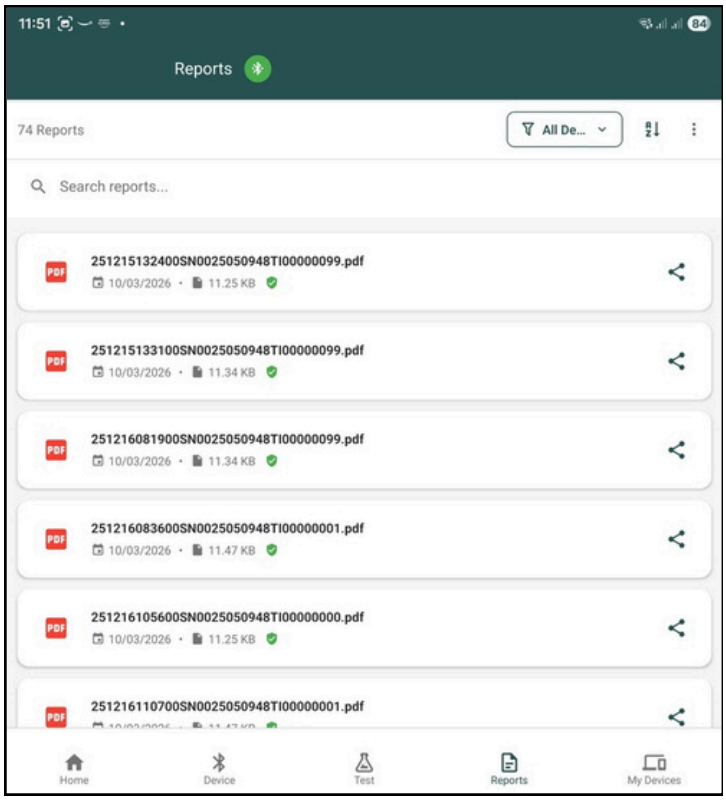
- While the device is connected to the app, the test protocols are automatically transferred to the app after each test is completed, and a PDF file is created for each test. No action on the filter test device is required.
- Alternatively, the entire test protocol memory (up to 400 tests) can be transferred. To do this, first press the “Function” button on the device and then select “Data Transfer”. All stored tests will be transferred, and a PDF file will be created for each individual test.



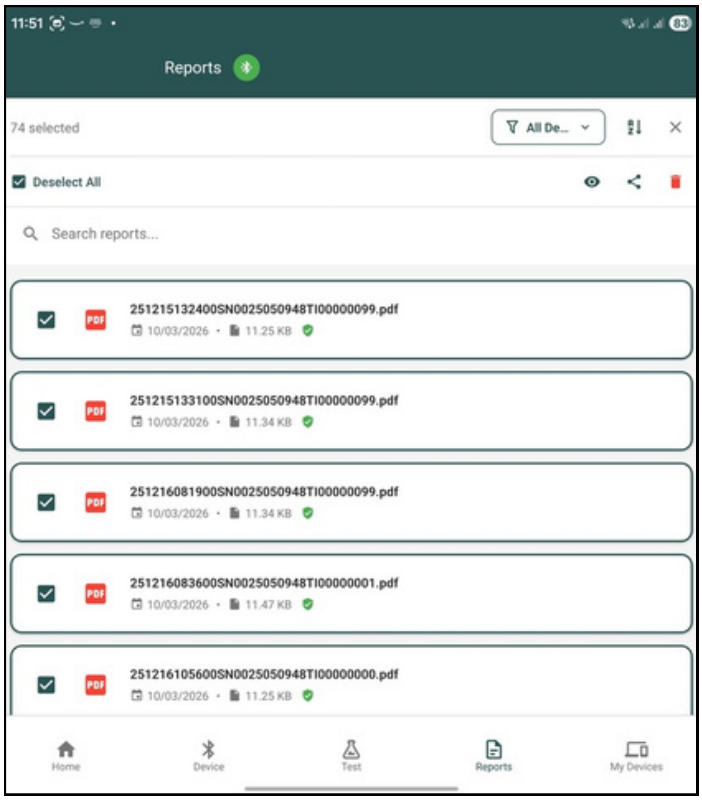
Testprotocol-Management=> Memory Transfer of the protocols



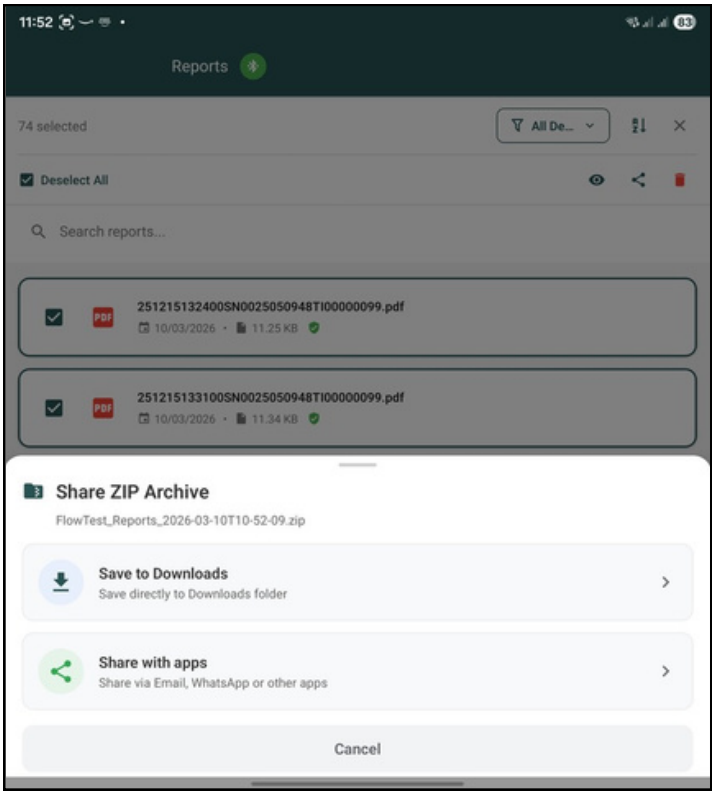
Testprotocol-Management => Test Overview



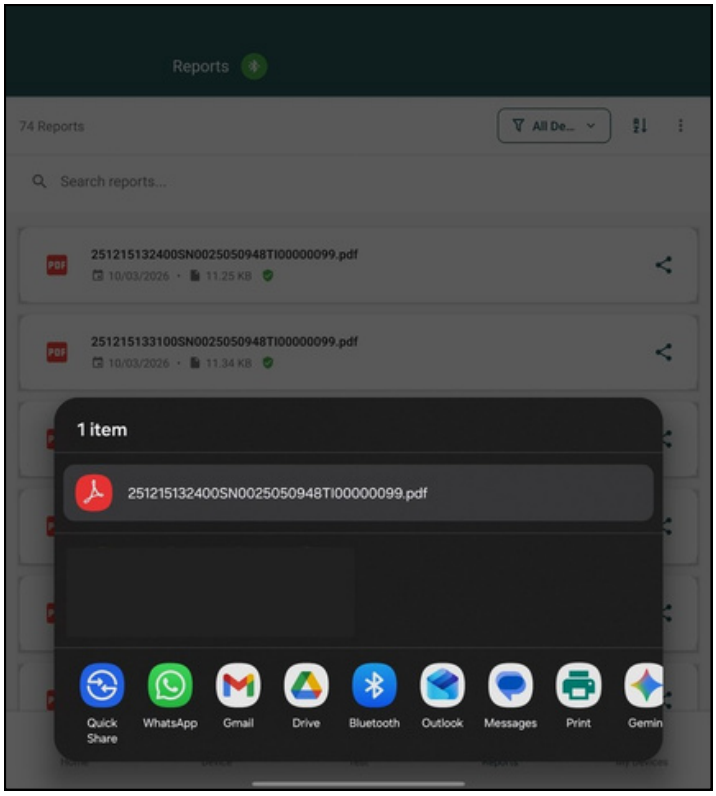
Testprotocol-Management => Created PDF-Protocols



Testprotocol-Management => Choose Protocols (single or all)



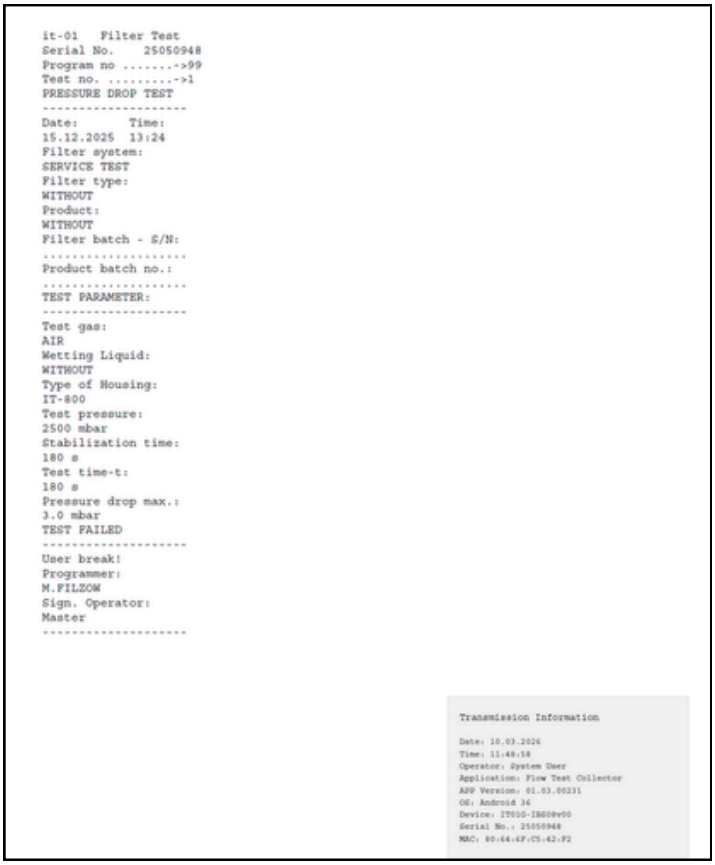
Testprotocol-Management => Save locally or forward



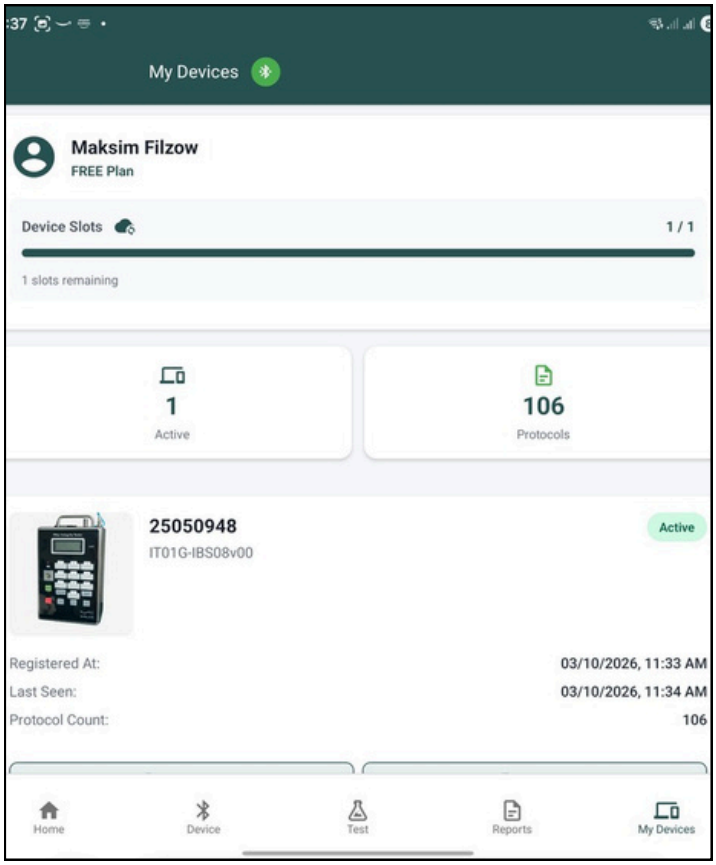
Testprotocol-Management => forward via Mail, Drive, Quick Share ect.

PDF reports with a digital signature

All test reports are automatically generated as PDF files with a secure timestamp. This ensures that subsequent modifications are prevented – a key advantage for use in GMP- and GLP-compliant environments.
With the app software, PDF reports from multiple devices can be centrally managed. When connecting, the devices are uniquely identified by their serial number. Under the “My Devices” icon, you will find an overview of all registered devices as well as additional relevant information.
Since the licenses are linked to the devices, multiple users within a company can use the app to manage the test protocols.



PDF report with a digital signature



Overview “My Devices”

FLOW TEST

FILTER INTEGRITY TEST SOLUTIONS

YOUR COMPETENT PARTNER IN THE INTEGRITY TESTING OF MEMBRANE FILTERS

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