



PQ Plate ASTOR

Product Code: PQ-A

PQ Plate ASTOR

Intended use

Performance qualification (PQ) of Mabtech ASTOR

Contents

PQ Plate ASTOR

Air blower (for removal of dust)

Storage

PQ Plate ASTOR should be kept in its case, at room temperature, to protect it from light when not in use.

Introduction

A new PQ Plate ASTOR must be registered in ASTOR. When registering a plate, a timeline is created, and baseline values are established. PQ analysis is then performed on a regular basis. Each time a PQ test is performed data is added to the timeline. The new data is compared to the baseline values, ensuring accurate instrument performance over time. PQ Plate ASTOR is pending patent approval (EP23160358.0).

Guidelines for PQ Plate ASTOR

Please read through before starting the test

1. Open Mabtech Apex and log into the admin profile or user with PQ authorization, and select "Performance Qualification".
2. Click on "Eject" in the top menu.
3. **A. Register a new PQ plate and create a Timeline**

Please proceed to 3B if the PQ plate already is registered and a Timeline is available.

Note the Plate ID, found on the backside of the PQ Plate .

Place the PQ plate ASTOR in the plate holder and click "Insert" in the top menu.

Click "Select Timeline" in the top menu, and then click "Create a new timeline".

Enter Name (e.g., date) and Plate ID. Click "OK".

A new Timeline should be created annually, preferably in connection with reader service.

B. Regular PQ analysis (e.g., the monthly check)

Place the PQ plate ASTOR in the plate holder and click "Insert" in the top menu.

Click "Select timeline" and select a timeline. The active timeline is indicated at the top left corner of the software interface.

4. First click "Read" and then "Start Reading" in the top menu.

The PQ Plate ASTOR readout will be completed within 1 minute. ASTOR status is shown in the top left corner of the software. Data is automatically saved and can be exported to a PDF (see point 5).

When the test is completed, it is possible to view the obtained test values. The graphs on the left side of the software show values for camera focus, light intensity, Spot Forming Units (SFU), and RSV (Relative Spot Volume). The coefficient of variation (CV) between the last collected data point and the baseline can be displayed by switching from "Images" to "Data" above the well images on the right side of the software interface.

5. Export a PQ report by choosing "Export PDF" in the top menu. Select where to save the report and click "Save". The PQ report will provide you with the test criteria and test results. Contact Mabtech for support if a test fails. The RAW data from all PQ readouts can be found at C:\ProgramData\Mabtech.

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