



EL Class I

Date of issue: 1 August 2023

Valid until: 31 December 2026

EHEDG hereby declares that the product

***microwave sensor FlowCell, type LB5660 with planar and immersion cap windows
made of PEEK and EPDM O-ring for ball housings diameter 68 mm***

from

Berthold Technologies GmbH & Co.KG, Calmbacher Straße 22 , 75323 Bad Wildbad, Germany

*has/have been evaluated for compliance and meets/meet the current criteria for
Hygienic Equipment Design of the EHEDG*

Certificate No. EHEDG-C2300049

Signed _____ *Hein Timmerman* President EHEDG

Signed _____ *Karlijn Faber* EHEDG Certification Officer

***EHEDG
Karspeldreef 8
1101 CJ Amsterdam
Netherlands***

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Appendix 3

EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 10.03.2023

EHEDG File Number: EHEDG-R2300026

Certification Type: EL CLASS I

Applicant: Berthold Technologies GmbH & Co.KG

Equipment: microwave sensor FlowCell, type LB5660 with planar and immersion cap windows made of PEEK and EPDM O-ring for ball housings diameter 68 mm

Other essential identification:

Evaluated by:


Name: Dr. Jürgen Hofmann

Approved by:

Name: Yu Ming Chen

Title: AEO

Date, Signature:

 28.07.2023

1. Results of inspection for compliance with the EHEDG Hygienic Design Criteria.
Conclusion:

The equipment complies with the criteria.

YES ☐

The use of the EHEDG Certification logo is justified:

MAYBE ☒

2. Evidence for compliance provided and convincing for Certification.
Conclusion:

The equipment complies with the criteria where possible.

YES ☒

The use of the EHEDG Certification logo is justified:

Signature:



Date: 25.07.2023

The original of this form will be kept by EHEDG together with the application, the inspection report, the evidence provided and any other relevant documentation, as listed on the back.

Appendix 3

No.	Description
1.	EHEDG Certificate of Compliance
2.	Contract to use the EHEDG Certification Logo for equipment
3.	Appendix 1: Equipment intended for cleaning-in-place with liquids without dismantling
4.	Appendix 2: conditions for use of the EHEDG Certification Logo
5.	Appendix 3: Equipment evaluation form
6.	Evaluation report of the design of the microwave sensor FlowCell, type LB5660 with planar and immersion cap windows made of PEEK and EPDM O-ring for ball housings diameter 68 mm, no. 769TUM2023
7.	Drawings of the microwave sensor FlowCell, type LB5660 with planar and immersion cap windows made of PEEK and EPDM O-ring for ball housings diameter 68 mm, drawing nos. 66744 GZ3, 66624 and 73602; original stamped
8.	Test report of the in-place cleanability test method according to Doc. 2, Test no. 596/21.08.2017 (planar window) and 769/10.03.2023 (immersion cap window)
9.	Cleaning and Installation manual 41986BA2 Rev. 07 supplied by the manufacturer
10.	Example of EHEDG Certified Logo Type EL CLASS I