

CERTIFICATE OF CONFORMITY



1. HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS

2. Certificate No: **FM26US0092X**

3. Equipment:
(Type Reference and Name) **EasyClean 500X**

4. Name of Listing Company: **Mettler-Toledo GmbH (Nanikon)**

5. Address of Listing Company: **Im Hackacker 15, CH-8902 Urdorf, Switzerland**

6. The examination and test results are recorded in confidential report number:

PR474403 dated 14th September 2026

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM 3600:2022, FM 3610:2021, FM 3611:2021, FM 3810:2021, ANSI/UL 60079-0:2020, ANSI/UL 60079-11:2018, ANSI/IEC 60529:2020, ANSI/UL 121201:2021

8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

10. Equipment Ratings:

Intrinsically Safe for Class I, II and III, Division 1, Groups A, B, C, D, E, F, and G; T4; AEx ib [ia Ga] IIC T4 Gb for Zone 1; AEx ib [ia Da] IIIC Db for Zone 21; T95°C; in accordance with drawing 31004962;
Nonincendive for Class I, II and III, Division 2, Groups A, B, C, D, E, F, and G; T4; $2^{\circ}\text{C} \leq T_a \leq 55^{\circ}\text{C}$; AEx ic IIC T4 Gc for Zone 2; AEx ic IIIC; T95°C for Zone 22; in accordance with drawing 31004962;
hazardous (classified) locations;
IP65.

Certificate issued by:

J.E. Marquedant
VP, Manager - Electrical Systems

09/14/2026

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC, 1165 Boston-Providence Turnpike, Norwood, MA 02062 USA

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F 347 (Jul 24)



SCHEDULE

US Certificate of Conformity No: FM26US0092X

11. The marking of the equipment shall include:

I.S. CL I, DIV 1, GRP A, B, C, D T4
I.S. CL II, DIV 1, GRP E, F, G T4
I.S. CL III, DIV 1
Class I, Zone 1, AEx ib [ia Ga] IIC T4 Gb
Zone 21, AEx ib [ia Ga] IIIC T95°C Db

CL I, DIV 2, GRP A, B, C, D T4
CL II, DIV 2, GRP E, F, G, T4
CL III, DIV 2
Class I, Zone 2, AEx ic IIC T4 Gc
Zone 22, AEx ic IIIC T95°C Dc

+2°C ≤ Ta ≤ 55°C
Enclosure: IP65
Install per drawing 31004962

12. Description of Equipment:

The Easyclean 500X consists of three essential subsystems: the control unit, media connections and dosing pumps, as well as an optional subsystem: the high-temperature rinsing box. The two subsystems are supplied with water at 65°C and 90°C, respectively. The media connections and dosing pumps are available in three options.

The control unit consists of 316L stainless steel housing (back cover and front cover), with one PCB installed inside. On the front cover, there are three LED lights to indicate the status of the control unit. On the bottom of the housing, there is a water inlet with the inner diameter of G1/4" and the outer diameter of G3/4", a through-hole with a diameter of 32.5 mm to connect the media connector. An air filter connects to the control unit by a 36 mm through-hole and the control unit equipment with a wire terminal via seven M12X1.5 and three M20X1.5 cable entry. There are fifty terminals designed for external connection.

The media connection is available in 2.1m, 5m, or 10m length. It consists of an internal diameter of 32 mm corrugated media connection with a stainless steel coil and plastic. The connectors for media adapter and retractable housing are of a plug-in design. They are screw-fixed. Each fluid is fed to the retractable housing through a dedicated tube in the media connection.

EasyClean 500X. Automated Control System

13. Specific Conditions of Use:

1. Under certain extreme circumstances, the non-metallic parts incorporated in the enclosure of this equipment may generate an ignition-capable level of electrostatic charge. Therefore, the equipment shall not be installed in a location where the external conditions are conducive to the buildup of electrostatic charge on such surfaces. In addition, the equipment shall only be cleaned with a damp cloth.

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2. Resistance to impact was tested corresponding to the low risk of mechanical danger. Therefore, precautions shall be taken to protect the device against strong impacts.
3. The temperature of the water or medium shall be no greater than 90°C.

14. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

15. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
14 September 2026	Original Issue.

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