

# Manufacturer's Declaration

## # imc STUDIO 2023 R5, imc WAVE (Sound level meter Standard IEC 61672-1)

imc is certified according to ISO 9001:2015, according to this standard and based on our more than 35 years of experience in software development of test and measurement software, the development and product acceptance of our software products are carried out<sup>1</sup>.

**imc Test & Measurement GmbH**  
Voltastrasse 5, D-13355 Berlin,  
hereby asserts for our product:

**imc STUDIO 2023 R5** incl.  
imc WAVE 2023 R5, imc DEVICES 2.16 R5, imc DEVICE Core 3.6 R5

was successfully tested and approved by imc with a change notification dated 2023, DEC-15.  
imc STUDIO 2023 Revision 5 replaces the previous versions of imc STUDIO for all new deliveries as of 2023, DEC-19 (our reference IT#041552)

### Additional applicable documents:

imc STUDIO 2023 Technical Data Sheet Version 1.4, TD\_imc\_STUDIO\_2023.en.pdf

imc WAVE 2023 Technical Data Sheet Version 1.4, TD\_imc\_WAVE\_2023.en.pdf

imc WAVE is qualified and tested according to:

- Sound level meter Standard IEC 61672-1
- 1/3- and 1/1-octave analysis as 3D or averaged Standard IEC 61260-1

### Conformity to IEC 61672-1

The imc WAVE software suite, which is geared toward acoustic measurements, has the functions required for noise measurements according to the IEC 61672-1 standard, such as a procedure for calibrating microphones and signal overload indicators. It also includes functions for frequency and time weighting and for calculating sound pressure levels. These functions and features meet the requirements of the IEC 61672-1 standard.

With the imc FAMOS data analysis software, it is easy to assemble a functionality with frequency and time weighting using a sequence, which, when the sequence is calculated, provides results in accordance with the IEC 61672-1 standard for sound level meters.

### Test reports, etc.:

PA-SW-imc\_STUDIO\_2023\_R5.pdf, Versionshinweise\_imc\_STUDIO\_2023\_R5.pdf

Statistik-imc\_STUDIO\_2023\_R5.pdf,

PA-SW\_04-imc\_DEVICES2.16R5.pdf, Versionshinweise\_imc\_DEVICES\_V2.16R5.pdf

PA-SW\_04-imcDEVICEcore\_3.6\_R5.pdf, Versionshinweise\_imcDEVICEcore\_V3.6\_R5.pdf

### Additional documents and manuals: see data medium, respectively Setup:

readme.txt

Products\imc STUDIO\Version\VersionInfo.xhtml

Products\imc STUDIO\Help\en\imc\_STUDIO-What\_is\_new.pdf

Products\imc STUDIO\Help\en\imc\_STUDIO-GettingStarted.pdf

Products\imc STUDIO\Help\en\imc\_STUDIO-Manual.pdf

---

<sup>1</sup> **Quality management:** imc holds DIN-EN-ISO-9001 certification since May 1995. imc's conformity to the world-wide accepted standard DIN EN 9001:2015 is attested by the Certificate issued 16-JUN-2021 by the accredited certification body TÜV Rheinland Cert GmbH. imc's certificate registration number is 01 100 85 152.



Support and updates:

In case of a patch or a bug fix, we will inform you and flag the download of the revision on our website with the tag: “with update from [DATE]”.

In case of questions please do not hesitate to contact the imc Hotline:

Berlin (Germany): +49 (0)30 / 467090-26 | E-Mail: [hotline@imc-tm.de](mailto:hotline@imc-tm.de)

**Berlin, 2023-DEC-19**

Place and Date

Dipl. Ing. Michael Scheibner-Aden  
Quality Assurance Manager