



EU Declaration of Conformity (DoC)

In accordance with EN ISO/IEC 17050-1:2010

No: 02-02/24

We,

Company name: ZRF RITEC SIA

Postal address: Gustava Zemgala gatve 71A, Riga, Latvia.

declare that the DoC is issued under sole responsibility of the manufacturer and belong to the following product:

SPECTROMETRIC DETECTION PROBE

Models:

SDP500: + 12 VDC / 15 mA, -12 VDC / 10 mA, HV: 2.0 kVDC max, Class III, IP67, Detector sensitive volume: 500 mm³.
SDP500(S): + 12 VDC / 15 mA, -12 VDC / 10 mA, HV: 2.0 kVDC max, Class III, IP67, Detector sensitive volume: 500 mm³, probe uses a CdZnTe detector with improved energy resolution.
SDP1500: + 12 VDC / 15 mA, -12 VDC / 10 mA, HV: 2.0 kVDC max, Class III, IP67, Detector sensitive volume: 1500 mm³.
SDP4000: + 12 VDC / 15 mA, -12 VDC / 10 mA, HV: 2.5 kVDC max, Class III, IP67, Detector sensitive volume: 4000 mm³.

The object of the declaration described above is in conformity with the relevant Union harmonization legislation: Directive 2014/30/EU (EMC) and Directive 2014/35/EU (LVD).

The following harmonized standards and technical specifications have been applied:

	No	Title
EMC	LVS EN IEC 61326-1:2021	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements
LVD	LVS EN 61010-1:2011 + A1:2019	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements (IEC 61010-1:2010)

Test report references:

	Test report No	Date	Testing laboratory
EMC	LEITC-TR-24-005	09.01.2024	SIA LEITC
LVD	2401604701E/45012/TR/24	14.02.2024	SIA "TUV NORD Baltik", Bureau of laboratory testing and diagnostics, LVD Testing Laboratory

Certificate of conformity references:

	Certificate No	Date	Certification Body
EMC	2401604701E/E24/87012	21.02.2024	Certification Body of TUV NORD Baltik SIA
LVD	2401604701E/L24/87013	21.02.2024	Certification Body of TUV NORD Baltik SIA

Conformity assessment body:

Name	Address
SIA LEITC	Azenes iela 12, LV-1048, Riga, Latvia
SIA "TUV NORD Baltik", Bureau of laboratory testing and diagnostics, LVD Testing Laboratory	Saremas iela 3, LV-1005, Riga, Latvia
Certification Body of TUV NORD Baltik SIA	Saremas iela 3, LV-1005, Riga, Latvia

Person responsible for making this declaration:

Name, Surname: Viktors Ivanovs

Position / Title: CEO

Date: 27 February, 2024

Signature:

RIGA, LATVIA

