



EG & EU Konformitätserklärung (Maschinen, EMV, RoHS) / EC & EU Declaration of Conformity (Machinery, EMC, RoHS)

Hersteller / Manufacturer

Smiths Detection Germany GmbH

Im Herzen 4
65205 Wiesbaden
Deutschland

Produkt / Product

Röntgenprüfgeräte der HI-SCAN Serie / X-ray inspection units of the HI-SCAN series

Die Geräte sind ausschließlich zur röntgentechnischen Untersuchung von beweglichen Gegenständen (Gepäck/Fracht) bei Sicherheitskontrollen bestimmt. /

The X-ray inspection units are intended exclusively for X-ray inspection of movable items (baggage/Cargo) for security reason.

Modellfamilie / Model Family

**HS 5030si; HS 5180si; HS 6030di; HS 6040ds; HS 6040i; HS 6046si;
HS 7555i; HS 7555si; HS 9075; HS 100100T; HS 100100T-2is; HS 100100V;
HS 100100V-2is; HS 130130T-2is**

HS = Abkürzung für HI-SCAN / HS = Abbreviation for HI-SCAN

Der Hersteller erklärt hiermit in alleiniger Verantwortung, dass die oben aufgeführten Maschinen die grundlegenden Sicherheits- und Gesundheitsanforderungen der **Richtlinie 2006/42/EG Maschinen** erfüllen.

(einschließlich aller zutreffenden Änderungsrichtlinien)

Die Schutzziele der Richtlinie **2014/35/EU Niederspannung** werden durch Anhang I, 1.5.1 der **Richtlinie 2006/42/EG Maschinen** eingehalten.

Die aufgeführten Maschinen erfüllen die einschlägigen Vorschriften der **Richtlinie 2014/30/EU Elektromagnetische Verträglichkeit (EMV)** oder, falls optionale Funk-Module integriert wurden, die einschlägigen Vorschriften der **Richtlinie 2014/53/EU Funkanlagen**.
(einschließlich aller zutreffenden Änderungsrichtlinien)

Die aufgeführten Maschinen erfüllen die einschlägigen Vorschriften der **Richtlinie 2011/65/EU (RoHS)** und der delegierten **Richtlinie 2015/863**.
(einschließlich aller zutreffenden Änderungsrichtlinien)

The manufacturer hereby declares under his sole responsibility that the above mentioned machines fulfil all the relevant provisions of the **Directive 2006/42/EC Machinery**.
(including all applicable modification rules)

The safety requirements of **Directive 2014/35/EU Low Voltage** are met by Annex I, 1.5.1, of **Directive 2006/42/EC Machinery**.

The mentioned machines are in conformity with the relevant provisions of the **Directive 2014/30/EU Electromagnetic Compatibility (EMC)** or, if optional wireless module are integrated, the relevant provisions of the **Directive 2014/53/EU Radio Equipment**.
(including all applicable modification rules)

The mentioned machines are in conformity with the relevant provisions of the **Directive 2011/65/EU (RoHS)** and the delegated **Directive 2015/863**.
(including all applicable modification rules)

Diese Konformitätserklärung verliert ihre Gültigkeit bei einer nicht mit dem Hersteller abgestimmten Veränderung. /
This declaration of conformity becomes invalid in case of any modification of the machine which is not approved by the manufacturer.

Die Vorgaben der Betriebsanleitung sind einzuhalten. /
The instructions given in the operating manual are to be adhered to.

Normen und technische Spezifikationen oder relevante Teile davon, die für diese Konformitätserklärung zur Anwendung gelangt sind / Reference to standards and technical specifications or relevant parts of the latter which have been applied to this declaration of conformity:

Harmonisierte Normen / Harmonized standards:

NR./ Ref. no	Ausgabe / Issue	Titel / Title
EN IEC 61010-2-091:2021 (identical with IEC 61010-2-091)	2021-04-30	Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-091: Particular requirements for cabinet X-ray systems
EN 619 + A1	2011-02-15	Continuous handling equipment and systems Safety and EMC requirements for equipment for mechanical handling of unit loads
EN ISO 12100:2010-11 (identical with ISO 12100)	2013-10-15	Safety of machinery – General principles for design – Risk assessment and risk reduction (ISO 12100:2010)
EN ISO 13857:2019 (identical with ISO 13857)	2019-10-30	Safety of machinery Safety distances to prevent hazard zones being reached by upper and lower limbs
EN ISO 13854:2019 (identical with ISO 13854)	2019-09-25	Safety of machinery Minimum gaps to avoid crushing of parts of the human body
EN ISO 14120:2015 (identical with ISO 14120)	2015-11-18	Safety of machinery Guards - General requirements for the design and construction of fixed and movable guards
EN 60204-1:2018 (identical with IEC 60204-1)	2018-09-14	Safety of machinery Electrical equipment of machines - Part 1: General requirements
EN ISO 13849-1:2015 (identical with ISO 13849-1)	2015-12-23	Safety of machinery Safety-related parts of control systems - Part 1: General principles for design
EN ISO 20607:2019 (identical with ISO 20607)	2019-07-03	Safety of machinery - Instruction handbook - General drafting principles
EN 61000-6-2 EN 61000-6-2 / AC (identical with IEC 61000-6-2)	2005-09-17	Electromagnetic compatibility (EMC) Part 6-2: Generic standards - Immunity for industrial environments
EN 61000-6-3 / A1 (identical with IEC 61000-6-3)	2011-03-25	Electromagnetic compatibility (EMC) Part 6-3: Generic standards; - Emission standard for residential, commercial and light-industrial environments
ETSI EN 301 489-1 V1.9.2	2011-09-15	Electromagnetic compatibility and Radio spectrum Matters (ERM)* ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
ETSI EN 300 330 V2.1.1	2017-02-01	Short Range Devices (SRD)* ; Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
EN IEC 63000:2018 (identical with IEC 63000)	2018-12-07	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

* if optional wireless modules are integrated

Andere Normen und technische Spezifikationen / Other standards and technical specifications:

NR / Ref. no	Ausgabe / Issue	Titel / Title
Directive 2013/59/EURATOM	2013-12-05	Basic safety standards for protection against the dangers arising from exposure to ionising radiation
StrlSchG	Aktuelle Version / currently valid version	Strahlenschutzgesetz Gesetz zum Schutz vor der schädlichen Wirkung ionisierender Strahlung / German Protection Act against detrimental effects of ionising radiation
EN IEC 61000-6-8:2021 (identical with IEC 61000-6-8)	2022-03-01	Electromagnetic compatibility (EMC) Part 6-8: Generic standards; - Emission standard for professional equipment in commercial and light-industrial locations
ETSI EG 203 367 V1.1.1	2016-06-01	Guide to the application of harmonised standards covering articles 3.1b and 3.2 of the Directive 2014/53/EU (RED)* to multi-radio and combined radio and non-radio equipment
DIN 54113-1	2018-01-01	Non-destructive testing Radiation protection rules for the technical application of X-ray equipment up to 1 MeV - Part 1: Technical safety requirements and testing for the manufacture, installation and operation

* if optional wireless modules are integrated

Bevollmächtigter für die Zusammenstellung der relevanten technischen Unterlagen /
Authorized representative for the technical documentation:

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Wiesbaden, den 1. August 2023 / Wiesbaden, August 1st, 2023

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