



EC Declaration of Conformity (Machinery) & EU Declaration of Conformity (EMC, RoHS)

Manufacturer	Smiths Detection Germany GmbH Im Herzen 4 65205 Wiesbaden Germany
Product	X-ray inspection units of the HI-SCAN series The X-ray inspection units are intended exclusively for X-ray inspection of movable items (baggage/Cargo) for security reason.
Model	HS 6040 CTiX Model S HS = Abbreviation for HI-SCAN

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 above mentioned machines are in conformity with the relevant provisions of the **Directive 2014/30/EU Electromagnetic Compatibility (EMC)**.
(including all applicable modification rules)

The above 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)

The standards and technical specifications listed have been applied.

This declaration of conformity becomes invalid in case of any modification of the machine which is not approved by the manufacturer.

The instructions given in the operating manual are to be adhered to.

Authorized representative for the technical documentation:

Smiths Detection Germany GmbH
Im Herzen 4
65205 Wiesbaden
Germany

Reference to standards and technical specifications or parts of the latter which have been applied to this declaration of conformity:

Harmonized standards:

Ref. no.	Issue	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 13857)	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 ISO 14119:2013 (identical with ISO 14120)	2013-10-02	Safety of machinery Interlocking devices associated with guards — Principles for design and selection
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
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

Other standards and technical specifications:

Ref. no.	Issue	Title
Directive 2013/59/EUR	2013-12-05	Basic safety standards for protection against the dangers arising from exposure to ionising radiation
StrlSchG	currently valid version	Strahlenschutzgesetz German Protection Act against detrimental effects of ionising radiation
EN 619:2022	2022-03-30	Continuous handling equipment and systems Safety requirements for equipment for mechanical handling of unit loads
EN IEC 61000-6-2:2019 (identical with IEC 61000-6-2)	2019-12-01	Electromagnetic compatibility (EMC) Part 6-2: Generic standards - Immunity for industrial environments
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
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

Wiesbaden, March 16th, 2023

Smiths Detection Germany GmbH



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